TV
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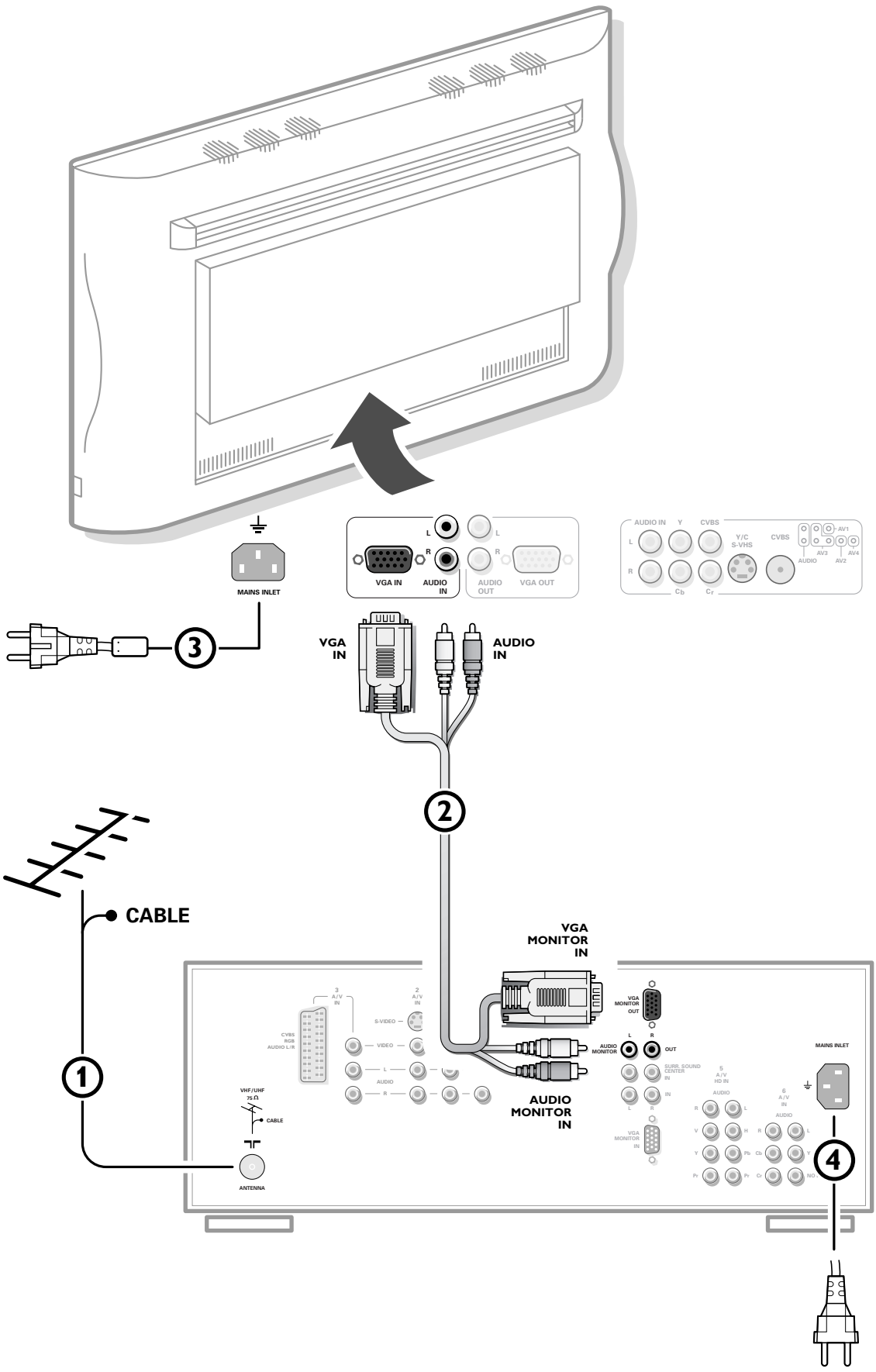
MAINS INLET
VGA IN
AUDIO IN
AUDIO OUT
VGA OUT
AUDIO IN
Y
CVBS
Y/C S-VHS
AV1
AV3
AV2
AV4
VGA IN
AUDIO IN
2
3
CABLE
1
VGA MONITOR IN
AUDIO MONITOR IN
VGA MONITOR OUT
AUDIO MONITOR OUT
MAINS INLET
4
VHF/UHF 75 Ω
CABLE
ANTENNA

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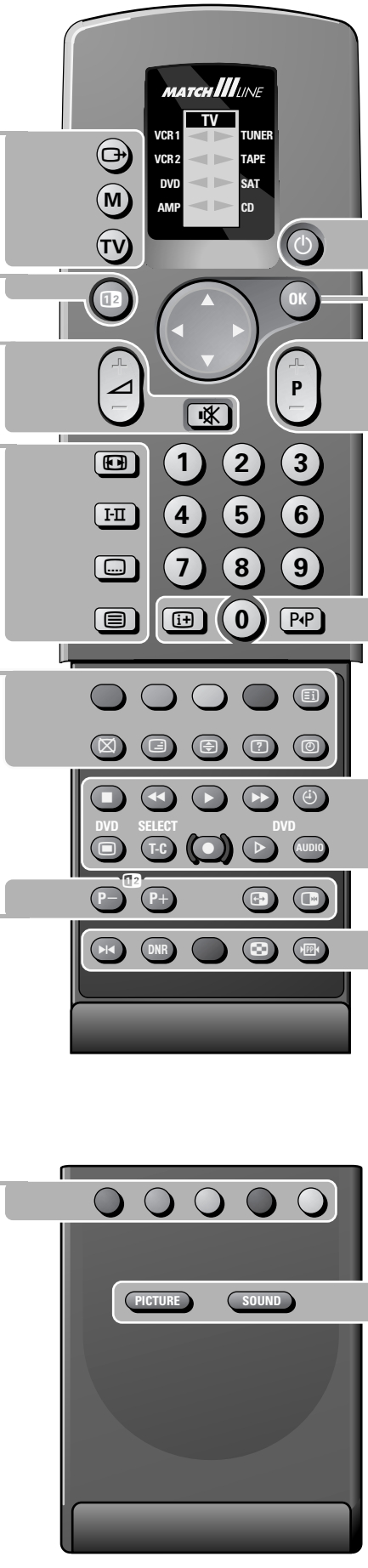
English

Your remote control



selection of **A/V 1**, **A/V 2**, **A/V 3**, **A/V4 (FRONT)**, **A/V 5**, **A/V 6** or **VGA** p. 9

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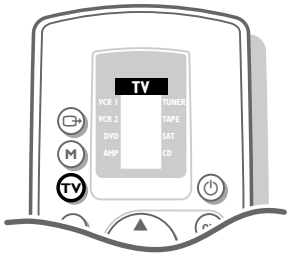
Preparation

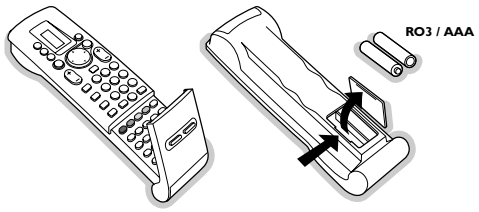
1. Place the receiver box wherever you want, but leave at least 5 cm space free all around the box for ventilation and do not cover the ventilation openings. (E.g. on the ground, in a cupboard, behind a wall, in another room....)
To prevent any unsafe situations, do not place any objects on top of the monitor or the receiver. No naked flame sources, such as lighted candles, should be placed on or in the vicinity. Avoid heat, direct sunlight and exposure to rain or water. The equipment shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on it.

2. Connect the **supplied** aerial cable ① and the **VGA** cable with trailing audio cinch connectors ② as shown in the inside frontcover of this handbook.
Make sure all screws of the cable ② are tightened well.

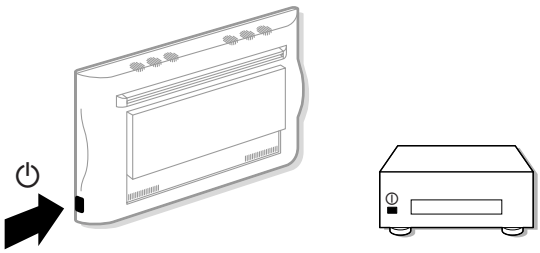
3. To connect your computer, see p. 23.
To connect other peripherals, see p. 19.
In order to obtain the best result, please use only the supplied antenna cables between the receiver box and video recorder, and between video recorder and antenna connector.



4. Insert the mains cord supplied ③ (with filter) into the **MAINS INLET** at the back of the monitor and the mains cord ④ at the back of the receiver. Put both in the wall sockets.
Please, only use the mains cord ③ (with filter) supplied with the monitor, for the monitor and the mains cord ④ supplied with the receiver, only for the receiver.

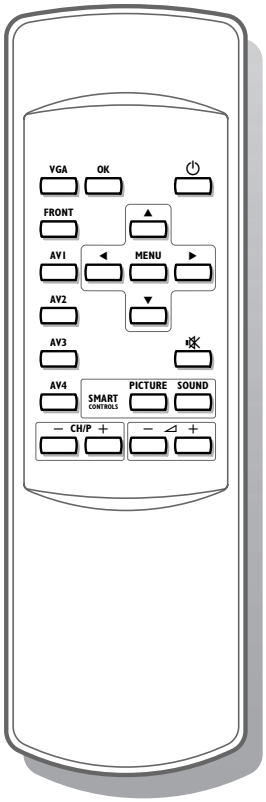


5. Remote control: Remove the cover of the battery compartment.
Insert the 2 batteries supplied (Type R03G-1.5V).
Press the **TV** key next to the display to be sure your remote control is in the TV mode.
The batteries supplied do not contain the heavy metals mercury and cadmium. Nevertheless in many countries batteries may not be disposed of with your household waste. Please check on how to dispose of batteries according to local regulations.



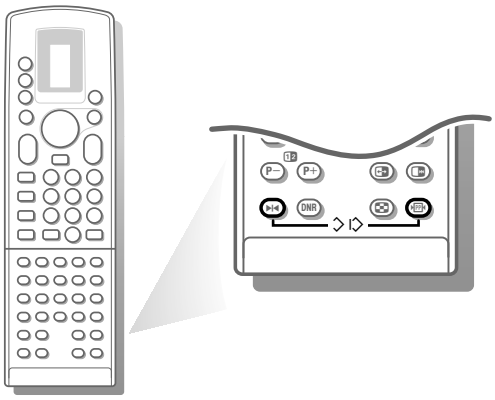
6. **Switch the TV on :** Press the power button ⏻ at the right side of the monitor and the one on the front of the receiver box.
A green indicator lights up and the screen comes on.
If the indicator is red, press the **- P+** key on the remote control.

The green indicator blinks every time you press a key on the remote control.
*When you switch on your set **for the first time**, the menu **LANGUAGE** automatically appears on the screen. The explanation appears in different languages one at a time.*



With the **simplified remote control** supplied with the monitor you can:

- switch menu on or off with the **MENU** key
- select a menu or menu item with the cursor keys
- activate the selection you made with the **OK** key
- switch your flat colour television to standby or on again with the ⏻ key
- mute the sound with the 🔇 key
- select predefined picture and sound settings with the **SMART CONTROLS** **PICTURE** and **SOUND** keys
  (not with a monitor in a stand alone situation)
- select the desired programme number with the - **CH/P** +
  (not with a monitor in a stand alone situation)
- adjust the volume with the - ◿ + keys
- select one of the connected externals.



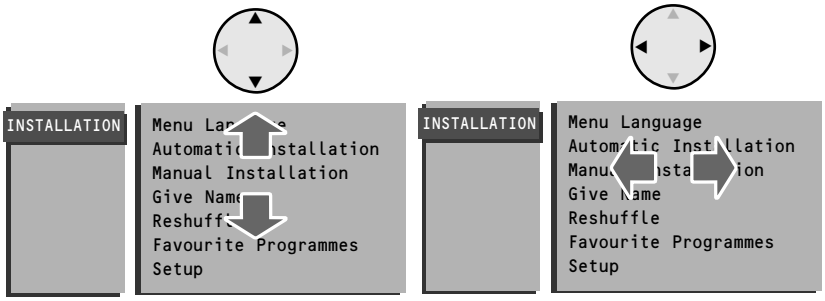
Installation

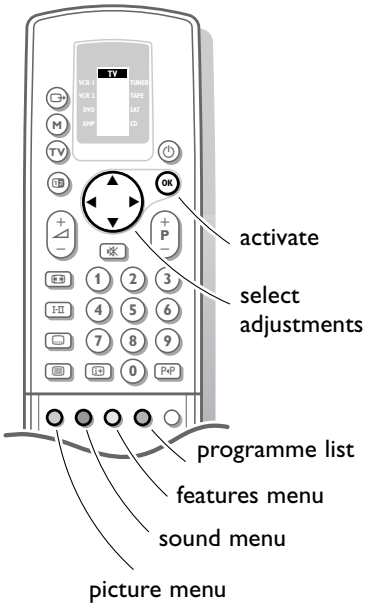
Select the INSTALLATION menu

1. Open the door of the remote control.
2. Press ⏮ and PP at the same time.

To use the menus

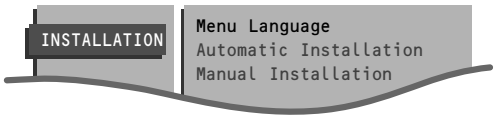
1. Use the cursor in the up/down, left/right directions to select a menu item.
2. Press the **OK** key to activate.
3. Press one of the colour menu keys on the door of the remote control to return or to switch menu off.

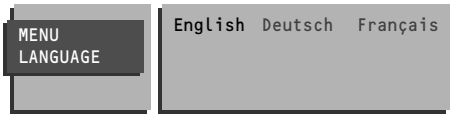




Store TV channels

Select the menu language





First, select your language.

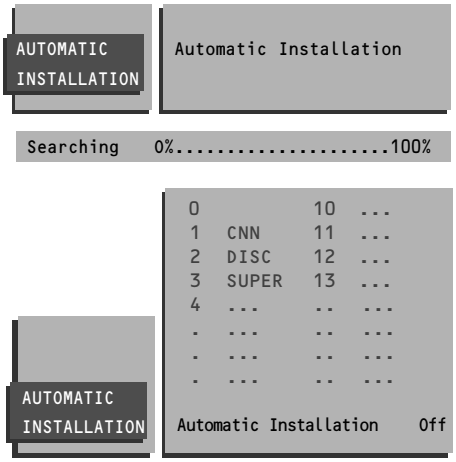
1. Select **Menu Language** in the **INSTALLATION** menu and press the **OK** key.
2. Use the cursor left/right to select your language and press the **OK** key. The **INSTALLATION** menu reappears.

Remark: If the language displayed on screen does not correspond with a language you recognise or you want, act as follows:

1. *Press one of the colour menu keys on the door of the remote control to switch menu off.*
2. *Press ⏮ and PP at the same time.*
   Now the INSTALLATION menu is displayed, but is still in the language you do not recognise or you do not want.
3. *Press the cursor right.*
4. *Now you can select your language with the cursor left/right.*

You can now search for and store the TV channels in two different ways: using **automatic installation** or **manual installation** (tuning-in channel by channel). Select your choice and press the **OK** key.

Automatic installation



1. In the Automatic installation menu select **On** with the cursor left/right and press the **OK** key to activate the searching. All TV channels are searched for and stored automatically.
   Wait until the message **Ready** is displayed at the bottom of the screen.

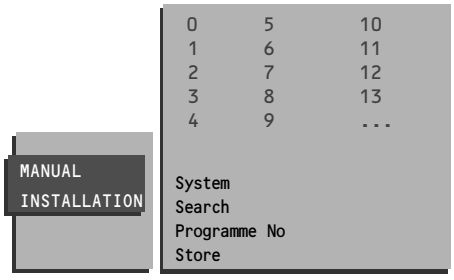
   The programme list is automatically filled with all the programme numbers of the TV channels transmitted.

   Note: Channel numbers and names will always be written in Latin characters, even when a language has been selected which uses other characters.

2. Press one of the colour menu keys on the door of the remote control to return to the **INSTALLATION** menu.

Manual installation

Searching for and storing TV channels is done channel by channel.
You must go through every step of the Manual Installation menu.



1. Select the TV system
   The possible system settings are: BG 5.5 MHz, I 6.0 MHz, DK 6.5 MHz, M. 4.5 MHz.
   Automatically the correct system is detected.
   When there is intermittent sound due to weak signal or poor reception or when there is a misregistration of colour in the picture, you can overrule the automatically detected system and select the appropriate system for the country where you are now located with the cursor left/right.

2. Search for a TV channel
   The frequency increases until a TV channel is found.
   In case of poor reception, you can improve the reception by adjusting the frequency with the **- P +** keys.

   Direct selection of a TV channel
   If you know the frequency, enter the 3 digits of the frequency directly with the digit keys 0 to 9 (e.g. 048).
   Ask for a list from your cable company or dealer.

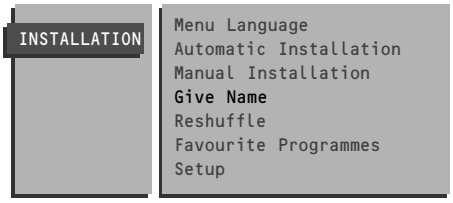
3. Enter the programme number.

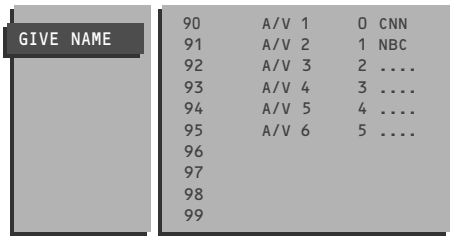
4. To store your TV channel, select **Store** and press the **OK** key.

   Repeat steps 1 to 4 to store another TV channel.

5. To exit from the menu press one of the colour menu keys on the remote control.

Give name



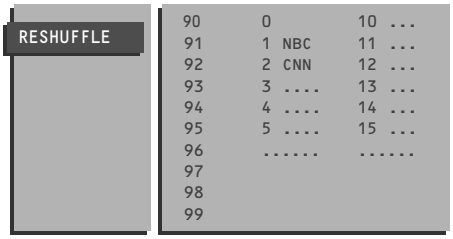


You can assign a name to the TV channel.
A name with up to five letters or numbers can be given to each TV channel. For example CNN, SUPER,...
Between 99 and 0, in the column in the middle, you can also name any peripherals that are connected.

1. Select **Give Name** in the **INSTALLATION** menu and press the **OK** key.
2. Select the programme number.
3. Press the **OK** key to start the input.
4. Select the character with the cursor up/down.
5. Select the following position with the cursor right.
6. Select the following character.
7. Press the **OK** key when finished.
   Repeat the operation until all TV channels and peripherals are assigned a name as you like.
8. Press one of the colour menu keys to return to the **INSTALLATION** menu.

Spaces, numbers, language dependent characters and so on are located between Z and A.

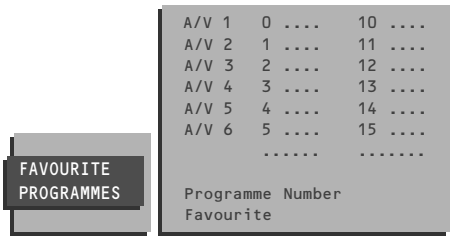
Reshuffle the programme list



According to your preference you **can** change the order of the stored TV channels.

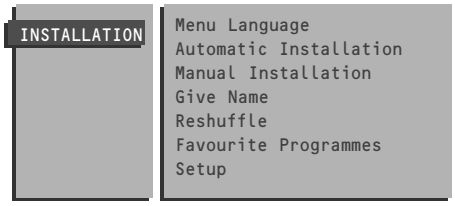
1. Select **Reshuffle** in the **INSTALLATION** menu and press the **OK** key.
2. Select the programme number you want to change.
   Use the cursor left/right to select another column of the programme list.
3. Press the **OK** key.
4. Select the new number you want to exchange it with.
5. Press the **OK** key.
   Repeat the operation until all TV channels are allocated as you like.
6. Press one of the colour menu keys to return to the **INSTALLATION** menu.

Select Favourite TV channels



After leaving the installation you can browse through the TV channels and A/V sources by pressing the **- P +** key. Only those TV channels and A/V sources which are in the favourite list will be displayed. Non-favourite TV channels can still be selected with the digit keys.
By default all stored channels are added to the favourite list.

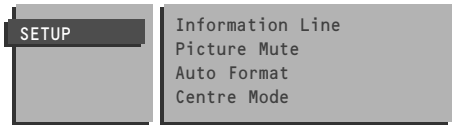
1. Select **Favourite Programmes** in the **INSTALLATION** menu and press the **OK** key.
2. Select your favourite programme number.
3. Select **Favourite** with the cursor up/down.
4. Select **Yes** or **No** with the cursor left/right.
5. Repeat 2 to 4 for every TV channel or A/V source you want to make a favourite or a non-favourite TV channel or A/V source.
5. Press one of the colour menu keys to return to the **INSTALLATION** menu.



Install TV Setup

The Setup menu allows you to adjust initial settings, i.e. those which are not related to the installation of the TV channels.
The Setup menu contains items that control the settings of the TV's functions, features, services and peripherals you may have connected.

1. Select **Setup** in the **INSTALLATION** menu and press the **OK** key.
2. Use one of the coloured menu keys to return or switch menu off.



Information Line
Press the cursor left/right to select **On**.
After the selection of a TV programme or after pressing the i+ key on the remote control, a TV channel which broadcasts teletext may transmit the name of the TV channel or the programme name or another message which appears briefly in the information line at the bottom of the screen.
When selected **Off**, the information line will only appear after pressing the i+ key, and not after the selection of a TV channel.

Picture Mute
Press the cursor left/right to select a **Blue** or **Black** screen when there is no picture or information. In VGA mode always black mute is used.

Auto Format
When **Yes** is selected with the cursor left/right, Auto format is part of the picture formats that are selectable with the ⇔ key.
With the picture format **Auto Format**, the picture will fill the screen as much as possible. See p. 9.

Centre Mode
When you have connected a Dolby audio receiver to the receiver box (see Connect peripheral equipment, p. 21) and you have selected **Centre Mode On**, the loudspeakers of the monitor will act as centre speaker, making a separate centre speaker unnecessary.

Warning: When no Dolby audio receiver is connected to the receiver box and you have selected Centre Mode On, no sound will be heard at all.
*To get the sound back, select **Centre Mode Off**.*

Operation

Use of the remote control

Select your external A/V sources

Press this key repeatedly to select **A/V1**, **A/V2**, **A/V3 CVBS**, **A/V3 RGB**, **A/V4 (FRONT)**, **A/V5**, **A/V6**, **VGA**, according to where you connected your external source (see p. 25).

Remark: in **VGA** *mode only some keys are valid. See* **VGA** *menu, p. 25. Menus and on screen information will disappear if you select* **VGA**.

M Mode selection

Press this key repeatedly to indicate the peripheral equipment you want to operate with the remote control.

TV TV operation

Press this key to use the remote control directly in the TV mode

Dual screen see p. 16

Picture format

Press this key repeatedly to select another picture format: 4:3, Movie Expand 14:9, Movie Expand 16:9 with or without subtitling, Super Wide, Wide Screen or Auto Format (when Auto Format is set to Yes in the **SETUP** menu).

Auto Format makes the picture to fill the screen as much as possible.

Super Wide removes the black bars on the side of 4:3 programs without causing apparent distortion.

When in Movie Expand 14:9 or 16:9 display format, you can make subtitles visible with the cursor up/down.

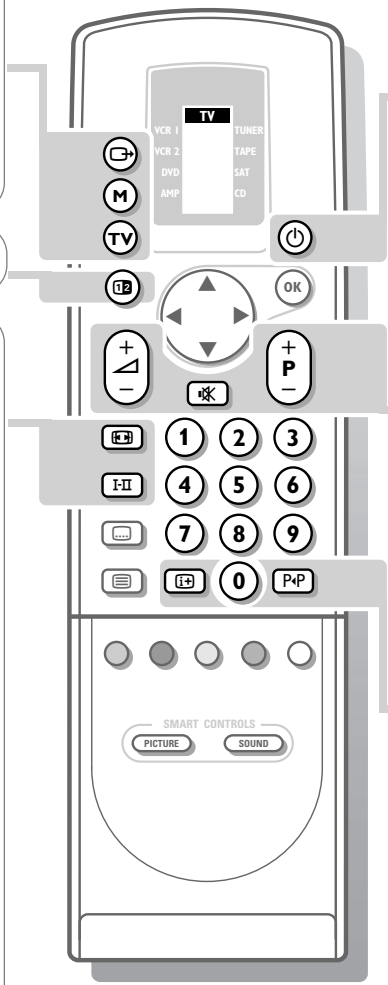
Note: In VGA mode press the key to switch between a 4:3, a 16:9 or a Wide VGA picture format.

In Dual screen mode press the key to switch between a full or a squeezed picture format.

I-II Bilingual choice and sound mode selection

Press this key

- to switch from **Stereo** to **Mono** sound, in case of stereo transmission, or from **Digital Sound** to **Digital Sound Available**, in case of digital transmission;
- to choose between language I (Dual I) or language II (Dual II), in case of bilingual transmission. The setting is stored for each TV channel separately.



Standby

The set is switched off and the red indicator lights up in front of receiver box and the screen.

To switch the TV on again press the key or press - P + or the digit keys.

Although this set is provided with low power standby it is still advised to switch off your TV overnight instead of leaving it on standby. You save energy.

Volume

Press + or - to adjust the volume. The volume is adjusted. If you want to store the volume adjustment in the memory, see the Features menu, Sound PP store, p. 14 to store the same volume adjustment for all the stored TV channels.

P Programme selection

To browse through the TV channels and A/V sources activated in the Favourite Programme menu.

Sound mute

Temporarily interrupt the sound or restore it.

0/9 Digit keys

To select a TV channel.

For a two digit programme number, enter the second digit within 2 seconds.

Previous programme

The previously selected TV channel or A/V source is displayed.

Permanent programme number Screen information

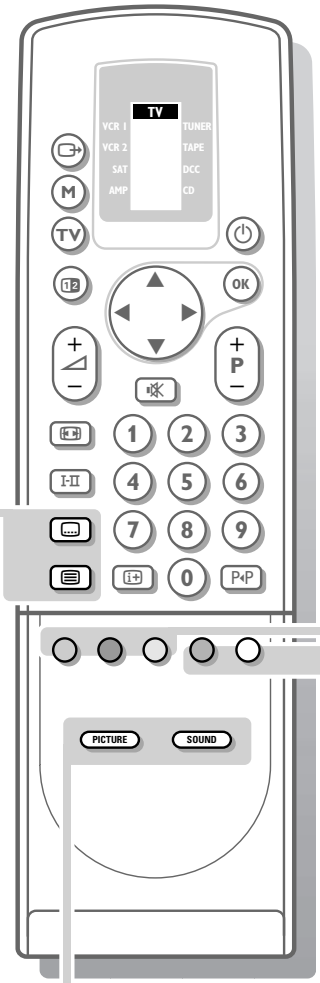
Press for 3 seconds to activate/de-activate the continuous display of the programme number.

Press briefly to display information about the selected TV channel or A/V source, the sound mode, picture format setting, the selected DNR setting and the remaining time set with the sleeptimer.

Continuous subtitles

TV channels with teletext often transmit certain programmes with subtitling.
Switch on teletext and select the proper subtitle page from the index.
Press to store the subtitle page.
Switch off teletext.
Every time a programme of the selected TV channel is subtitled, the subtitling will be available for that channel.
Press to switch subtitles **On** or **Off**.
When switched on and the symbol appears, there are no subtitles available for that programme.

Teletext on/off p. 17



PICTURE menu (red key)

SOUND menu (green key)

FEATURES menu (yellow key)

Smart Keys

To select predefined picture and sound settings.

Picture

(Not in AV5 and VGA mode)

Each time it is pressed, a different picture setting is selected, corresponding with a specific predefined setting of Colour, Brightness, Contrast, Sharpness, Tint, DNR, Colour Temperature and Dynamic Contrast.
The smart picture setting is set to **Personal** when one of the picture settings is changed.

Sound

(Not in VGA mode)

Each time it is pressed, a different sound setting is selected, corresponding with a specific predefined setting of Treble, Bass, Incredible Surround (if stereo sound) and Spatial (if mono sound).
Personal refers to the personal preference setting of sound which you have stored with **Sound PP store** in the **FEATURES** menu, p. 14.
The smart sound setting is set to **Manual** when one of the sound settings is changed and until the personal adjustments are stored or you switched the TV off and on again.
Remark: The moment you are in a predefined picture setting and you modify a setting in the picture menu, all values of the menu will overwrite the previously made personal setting.

Programme list

Press the blue key to select the programme list.
Select the desired TV channel or A/V source with the cursor in the up/down or left/right directions and press **OK**. Programme numbers from the favourite list are displayed in white characters. Programme numbers which are not in the favourite list are displayed in black.
The current TV channel on the screen is indicated with a black block.

Video recorder keys see p. 26
Digital Video Disc keys see p. 26

Time display
The time, downloaded from the TV channel (with teletext) stored on programme number 1 or the lowest favourite programme number greater than 1, is displayed in the upper left corner of the screen.
This function is not available when continuous subtitles have been switched on.

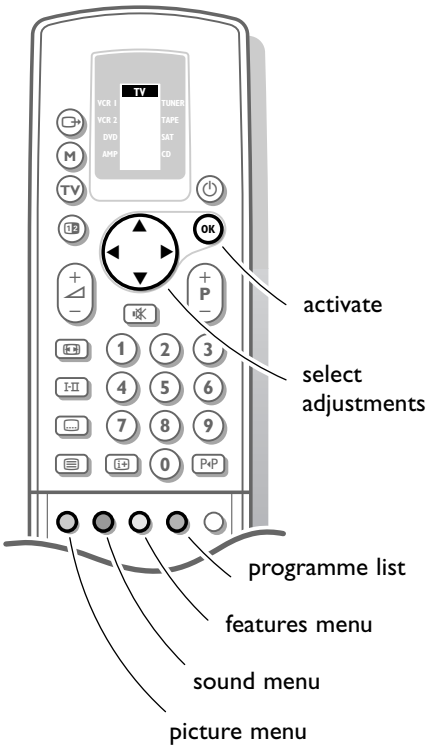
Freeze
When pressed, the displayed picture is frozen.
Press again to de-activate the frozen picture.
In Dual Screen both pictures are frozen.

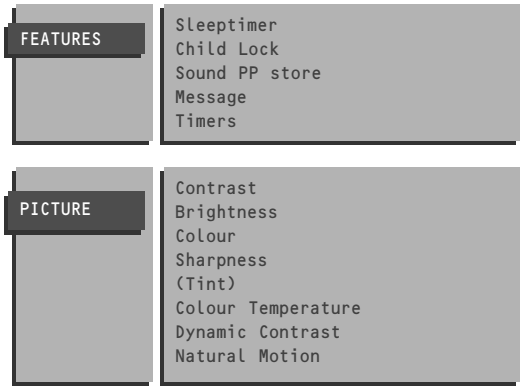
DNR Digital Noise Reduction
To reduce the image noise and improve picture quality when receiving weak signals.
Press this key to select **DNR min.**, **DNR med.** (optimum picture quality for normal strength signal), **DNR max.** (for poor picture quality) or **DNR off**.

Multi screen
A menu line **MOSAIC** appears.
Select the desired function with the ◀ or ▶ keys and press the **OK** key.
Scan: the TV channels placed in the favourite list appear subsequently.
Press the **P +** key to select a next series of 12 channels or A/V sources (excluding **A/V3 RGB**, **A/V5** and **VGA**). After the selection is finished, press the key to make the main picture in the centre of the screen equal to the active small picture. The active TV channel or A/V source indicated by a red border, can be selected immediately with the **OK** key. Multi screen is left then.
Photo Finish: the main picture is displayed in successive frozen pictures.
Press the **OK** key again to have a new sequence of frozen pictures.
Strobe: the picture is reproduced image by image.
Press the **OK** key again to have a faster speed.
Press the **OK** key again to return to a normal picture reproduction.
Press to switch off the mosaic screen.

Multi screen is not available if A/V5 or VGA has been selected.

Personal Sound Preferences
Restore sound settings, stored with **Sound PP store** in the features menu (see p. 14).





Use of the menus

1. Press the red, green or yellow colour key to display/cancel the **PICTURE**, **SOUND** or **FEATURES** menu.
2. Use the cursor in the up/down directions to select a menu item.
3. Use the **OK** key to activate.
4. Press the same menu key again to return or to switch the menu off.

Picture menu

When you are watching a TV channel in the NTSC system, or if a NTSC peripheral is connected, the menu item Tint also appears and can be adjusted.

Contrast
This control allows you to adjust the contrast levels of the picture.

Brightness
This control allows you to adjust the brightness levels of the picture.

Colour
This control allows you to adjust the colour saturation of the picture.

Sharpness *(not available for signals via A/V5)*
This control allows you to adjust the edge definition of a picture.

Tint *(only with NTSC signals) (not available for signals via A/V5)*
This control allows you to adjust the colour mix (hue) of a picture.

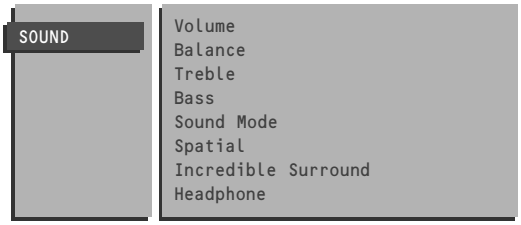
Colour Temperature
This control allows you to select the colour temperature of the picture.

Select **Normal**, **Cool** or **Warm** with the cursor left/right.

Dynamic Contrast *(not available for signals via A/V5)*
To make the contrast in the darker and the brighter picture areas more noticeable, it is preferred to select **Med.** or **Max**.
In certain circumstances it may be preferred to select **Min.** or **Off**.

Natural Motion *(not available for signals via A/V5)*
Natural Motion On reproduces smooth movement which makes it more natural.
After selecting a new TV channel, Natural Motion will automatically be set to ***ON.***

Sound menu



Store the modified adjustments for Volume, Balance, Treble and Bass values and Incredible Surround, as well as the headphone Volume and Balance for all TV channels with **Sound PP store** in the **FEATURES** menu.

Sound mode
Your TV will choose between stereo or digital sound depending on the sound the TV channel transmits, unless you make a sound choice.
In case of weak stereo or digital sound signals, due to the transmission, select analogue or mono.

Spatial
You can adjust Spatial for each TV channel separately.
Spatial can only be selected when the sound of the TV channel is mono.
When **Spatial On** is selected, with **mono** sound broadcasts, a pseudo-stereo sound is created by reproducing the mono sound over two channels instead of one.

Incredible Surround
Incredible Surround can only be selected when the sound of the TV channel is stereo.
When **Incredible Surround On** is selected, it seems as though the loudspeakers are spread further apart from one another.

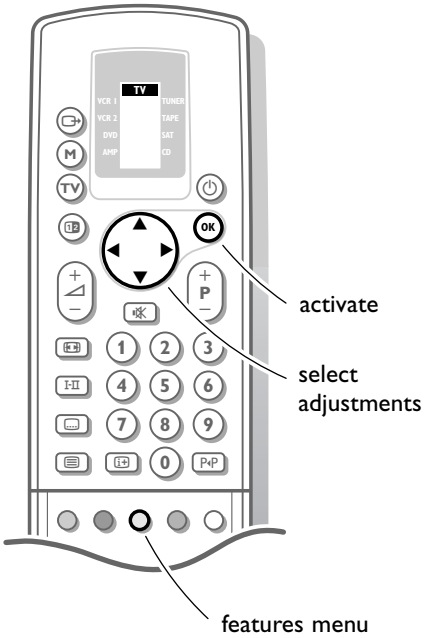
*Note: In case you have connected a Dolby audio receiver, select **Incredible Surround Off**.*
In case you have selected Centre Mode ON in the Setup menu (See p. 8), then the items Balance, Treble, Bass, Sound Mode, Spatial and Incredible Surround are not selectable.

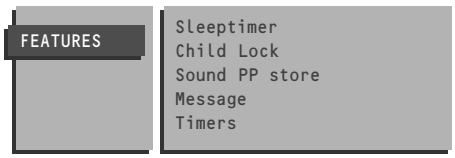
Headphone
See Connect peripheral equipment, p. 22, for the connection of the headphone.

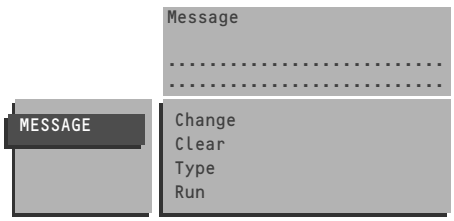
- Select the source you want to listen to with your headphone: **Automatic**, **TV**, **A/V 1**, **A/V 2**, **A/V 3**, **A/V 4**, **A/V 5**, **A/V 6** or **VGA** (or the names entered in the Give Name menu).
  Select **Automatic** if you want to listen to the sound of the picture you are watching on the screen.

  Note: in the Dual Screen picture, you will hear the sound of the left picture through your headphone, except if a picture from a connected peripheral has been selected in the right picture. Then you will hear the sound from the right picture.

- Select **TV** when you want to listen to the sound of a TV channel.
- In all other cases select the source where you connected your equipment. The equipment should be switched on, but you don't need to watch it.







Features menu

1. Press the yellow key to display/cancel the **FEATURES** menu.
2. Press the cursor up/down to select a menu item.
3. Press the **OK** key to activate.

Sleeptimer

With the sleeptimer you can set a time period after which the TV should switch itself to standby.
The counter runs from **Off** up to **180 min.**
One minute before the TV is set to go to standby, the remaining seconds and the message **Good Night** appear on screen. You can always switch off your set earlier or change the set time.
Note: when a VGA source is selected, the TV will not go to standby when the sleeptimer expires.

Child lock

If the child lock is on, the TV can only be switched on with the remote control. The **PROGRAM** - and + keys and **VOLUME** - or + keys behind the front door of the receiver cannot be used. In this way you can prevent unauthorised use of your TV. Also no automatic switching to connected equipment will occur.
If the message **Child lock ON** appears, the child lock must be switched off before you can use the **PROGRAM** - and + keys and the **VOLUME** - or + keys on the receiver.

Sound PP store

The adjustments of Volume, Balance, Treble, Bass and Incredible Surround made in the sound menu and Volume and Balance in the headphone menu can be stored in memory for all TV channels.

Message

With this function you can enter a personal message on 2 lines which will be displayed automatically when the set is switched on.
For example: I'll be late this evening. Don't wait for dinner.

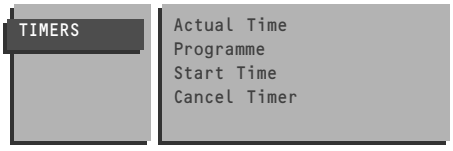
Change
Press the **OK** key to start entering the message.
Select with the cursor up/down the letter or number you want to enter.
Select with the cursor right the next position.
Press the **OK** key when you have entered the complete message.

Clear
Press the **OK** key to remove a previous message.

Type
Press the cursor left/right to select the way the message will be displayed: **Wipe**, **Slide**, **Fall** or **Fade**.
The Fade display is a randomly selection of the three other display types.

Run
Press the cursor left/right to select the display frequency: **Continuous**, **Once** or **No**.

Display message
Switch the TV to standby.
The message appears on the screen when the TV is switched on again.
If you selected **Once**, the message will disappear from the screen after about 45 seconds.
If you selected **Continuous**, the message will appear on the screen until the **Run** menu item in the Message menu is switched to **No** or until the receiver is powered off.
The message does NOT appear when Continuous subtitles have been switched On. See p. 10.



Timers

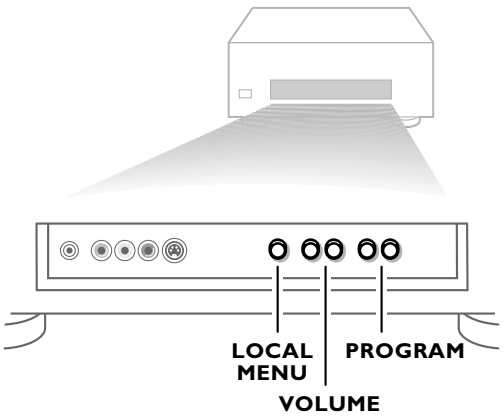
With the **Timers** menu you can make your TV automatically switch to a specific programme number from standby or switch over to a different programme number at a specific time.
Do not switch off your receiver with the power key ⏻ on the receiver !

Actual time
If you have installed a TV channel which also broadcasts teletext on programme number 1 or under the lowest favourite programme number greater than 1, the time is downloaded from that TV channel.
If this is not the case you have to set the time manually with the digit keys.
The time, (entered manually) is updated every minute and remains until the TV is switched off with the power key ⏻.
Note: If you entered an incorrect digit, complete the actual time with arbitrary numbers, then start again. Use 24 hour, or military time.

Programme
Enter with the digit keys the programme number of the TV channel you want your TV to switch over to. Use 24 hour, or military time !

Start time
Enter with the digit keys the start time of the selected TV programme number you want your TV to switch over to. Use 24 hour, or military time !

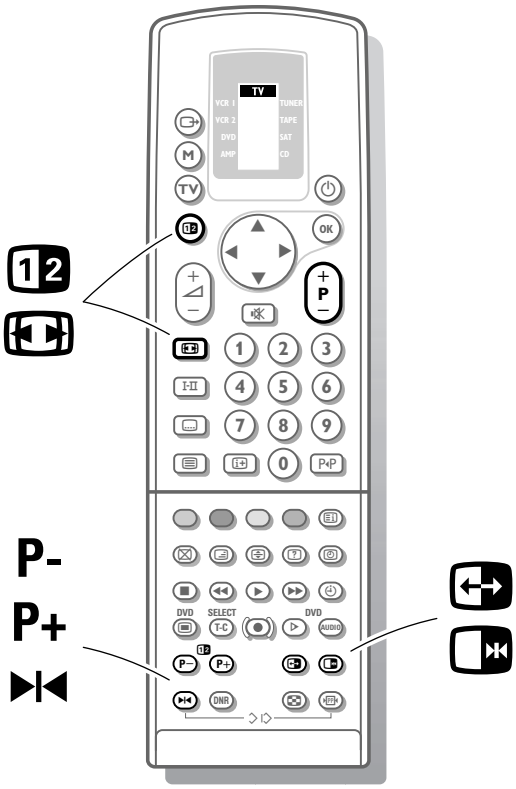
Cancel timer
Select **Cancel Timer** and press **OK** to reset the Start time to --:--



Keys in front of the receiver box

Should your remote be lost or broken you can still browse through the TV channels and A/V sources or change some of the basic picture and sound settings with the keys in front of the receiver box.
The **PROGRAM** - and + keys enable you to select the TV channels or A/V sources.
The **VOLUME** - and + keys enable you to adjust the volume.
Note: If the message Child Lock ON appears, the child lock must be switched off (with a remote control) before you can use the PROGRAM - and + or the VOLUME - or + keys on the receiver. See p. 14.

Press the **LOCAL MENU** key behind the door at the front of the receiver repeatedly to select **Volume**, **Brightness**, **Colour**, **Contrast**, **Treble** or **Bass**.
Press the **VOLUME** - or + key to adjust the chosen selection.
The selected adjustment automatically switches off when after 10 sec. no action has been executed.



Dual screen

1 Press the 12 key to switch on Dual Screen.
The TV screen will be divided in 2 different pictures.
The picture on the left side is the selected TV channel or A/V source.
The picture on the right side is the picture from the TV channel in the favourite programme list following or preceding the selected TV channel or A/V source.
If the 12 key was selected before, the last selected right picture is displayed again.

2 Press the ⇔ key to select a vertical squeezed or a non vertical squeezed picture size.

Select left and right pictures

1 Press **+ P -** to run through the favourite TV channels and the A/V peripherals in the left picture.

2 Press the dual screen **P -** or **P +** keys **under the door of the remote control** to select the favourite TV channels or an A/V peripheral in the right picture.
Pressing the dual screen **P -** or **P +** keys for 3 seconds, starts auto scan down or up of the TV channels in the right picture.
Press again to stop the auto scan.

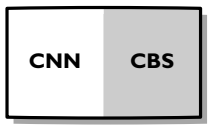
Remarks
- *Programmes in the right picture via a peripheral (e.g. video recorder) can be heard via the headphone.*
- *A/V 3 RGB, A/V5, VGA can not be displayed in the left picture.*
- *On screen sound information of the left main picture appears in the right upper corner.*

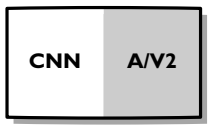
Switch screens

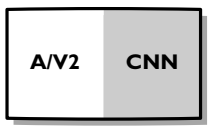
Press the ⇔ key under the door of the remote control to swap the right and left picture. The sound is swapped as well.

Select still picture

Press the ⏯ key to get a frozen image of the left and the right pictures.
Press the ⏯ key again to de-activate the still pictures.
Press the ⏯ key to freeze only the programme in the right picture.
If the screen was not in Dual Screen mode, the Dual Screen mode is entered, and the displayed picture on the left is re-displayed on the right side in a frozen way.
Press the ⏯ key again to de-activate the still right picture.

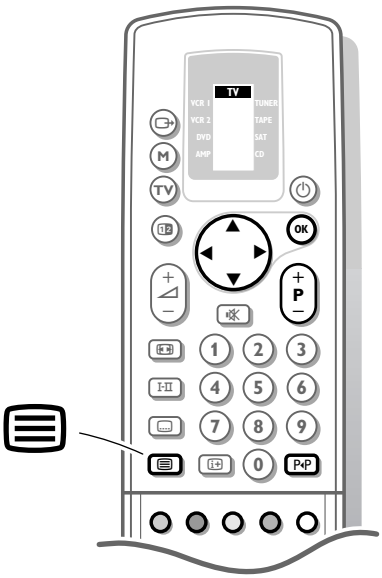






Possible Dual Screen combinations

- TV channel/TV channel
  See Select left and right pictures.
- TV channel/Peripheral
  See Select left and right pictures.
- Peripheral/TV channel
  See Select left and right pictures.
- Peripheral/Peripheral
  See Select left and right pictures.



Teletext

Most TV channels broadcast information via teletext.
Each channel which broadcasts teletext transmits a page with information on how to use its teletext system. Look for the teletext page with the main index (usually p. 100).
Depending on the TV channel, teletext is transmitted in different systems: WST, FLOF or TOP.
The colours used in the options lines at the bottom right of the screen correspond with the colour keys of your remote control.

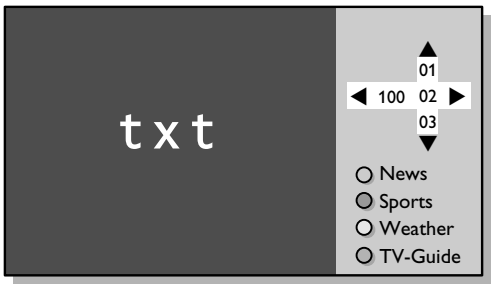
About Easy Text

Easy Text considerably reduces the waiting time (on condition that the teletext broadcast of the particular TV channel is received for at least half a minute) by :

- a direct selection of previous and following pages which are in transmission and of the pages referred to in the options lines
- a habit watcher list: frequently used pages are put automatically in a list of preferred pages, so that they are immediately available
- the precapturing of the page numbers referred to in the displayed page
- the precapturing of all the subpages.

Switch Teletext on and off

Press ☰ to switch the teletext on or off.
The main index page appears on the screen.
Note: Dual Screen is disabled in Teletext mode.



Select a Teletext page

With the digit keys
Enter the desired page number with the digit keys.
The page counter seeks the page or the page appears immediately when the page number has been stored in the memory.
A message appears when you have entered a non existent or incorrect page number. Page numbers beginning with 0 or 9 do not exist. Choose another number.

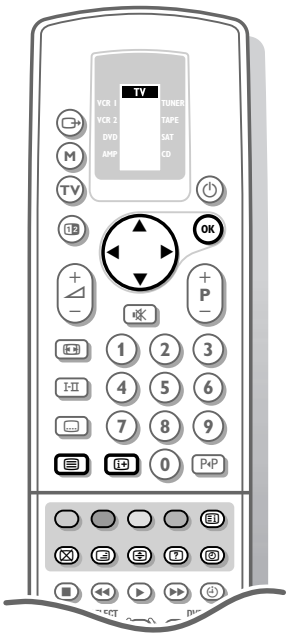
With the option lines
Select with the colour keys, corresponding to the coloured options at the bottom right of the screen, the desired subject.

Quickly run through the teletext pages

Press the cursor left/right or the **- P +** key to run through the previous or the following pages.

Select the previously selected txt page

Press the P◂P key.



Select the index teletext page

Press the key to display the main index (usually p.100).

Only for T.O.P teletext broadcasts :
T.O.P orders the pages in categories and adds other possibilities of enhancing ease of use.
Press . A T.O.P. overview of the teletext subjects available is displayed.
Not all TV channels broadcast T.O.P. teletext. When the teletext system is not T.O.P. teletext, a message appears at the top right of the screen.
Select with the cursor up/down, left/right the desired subject and press the **OK** key.

Select subpages

When a selected teletext page consists of different subpages, one of the subpages appears on the screen.
The coloured number in the vertical bar at the right of the screen refers to the displayed subpage.
The other subpages can be selected in 2 ways :

With the cursor up/down
The other subpage numbers appear in white as soon as the transmission has found them. They are stored in the memory so that they are available while the teletext page is on screen.
Select with the cursor up/down the previous or the following subpage.

By adding a subcode
Press . Enter the desired subpage with the digit keys : e.g. 3 for the third page of seven subpages.
The TV searches for the selected subpage.

Automatically rotating subpages:
Press again to cancel the subcode.
Now the subpages rotate automatically.

Press again. A vertical bar with the available subpages reappears again.
Select the subpages with the cursor up/down.

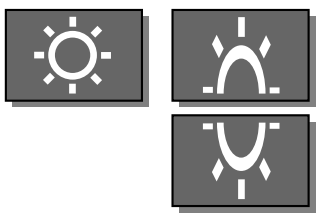
Special teletext functions

Interrupt
Press and the TV programme appears.
The display indicates that you are still in the teletext mode.
You can select a page number.
Press again to display the teletext page.

Mix
Press to overlay the teletext page on the TV programme.
Press again to display only the teletext page.

Enlarge
Press repeatedly to display the upper part, the lower part and then to return to the normal page size.

Reveal
Press to reveal/conceal the hidden information, such as solutions to riddles and puzzles.

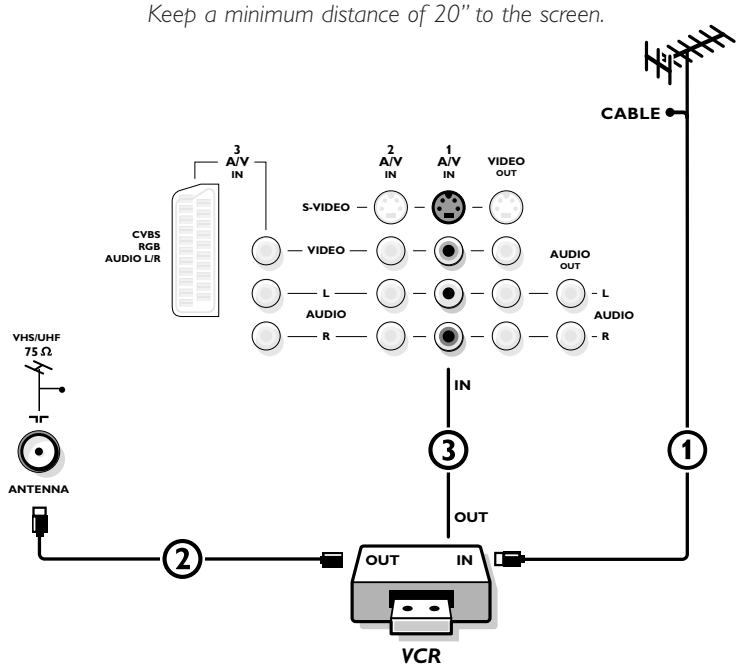


Connect Peripheral Equipment

There is a wide range of audio and video equipment that can be connected to your receiver. The following connection diagrams show you how to connect them to the back or the front side of the receiver.

Video recorder

Note: Do not place your video recorder too close to the screen as some video recorders may be susceptible for signals out of the display. Keep a minimum distance of 20" to the screen.



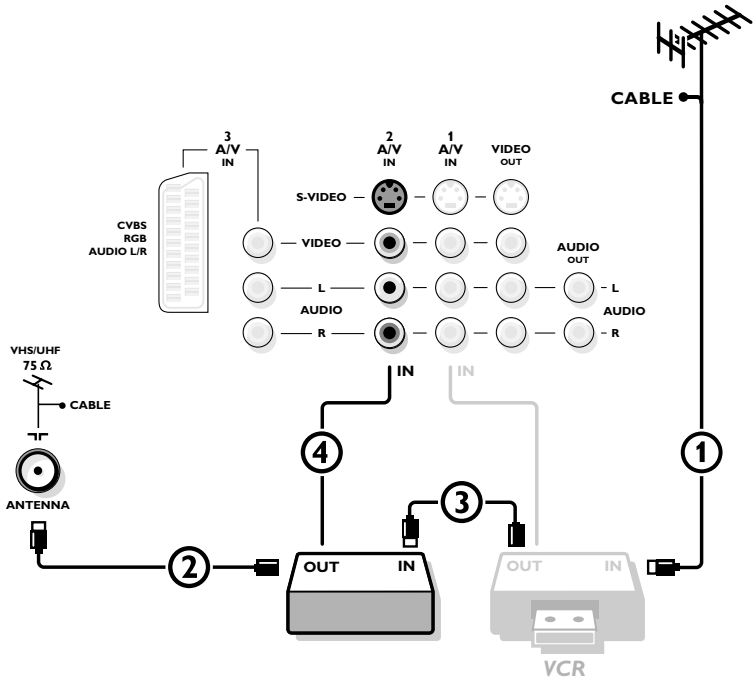
1. Connect the supplied antenna cable ① to the **RF IN** socket of your video recorder.
2. Connect another RF cable ② from the output **OUT** of your video recorder to the input ⊤ of your receiver.
   Better quality when playing from your video recorder can be obtained if you also connect the Video, Audio Left and Right (only for stereo equipment) cables ③ to the **VIDEO**, **AUDIO L** and **R** inputs **A/V IN 1** or **A/V IN 2**.

   The **VIDEO OUT** connectors on the receiver can be used for daisy chaining or to record programs from your receiver. See Record with your video recorder, p. 27.

   If you are using only mono equipment, connect only the **VIDEO** and the **AUDIO L** sockets.

If your video recorder has an S-VHS video jack:
For improved picture quality, connect a S-video cable with the **S-VIDEO** input on the receiver instead of connecting the video recorder to the **VIDEO** jack of **A/V1 IN** or **A/V2 IN**.
S-Video does not provide audio, so audio cables must still be connected to provide sound.

Video recorder with other A/V peripherals



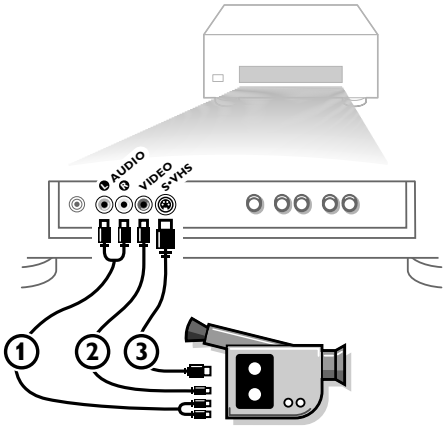
1. Interconnect your video recorder with an extra **RF** cable ③.
2. To obtain better picture quality, also connect the Video, Audio left and Audio right (only for stereo equipment) cables to the **VIDEO**, **AUDIO L** and **AUDIO R** inputs of the **A/V IN 1** or **A/V IN 2** sockets.

If your video recorder has an S-VHS video jack:
For improved picture quality, connect a S-video cable with the **S-VIDEO** input on the receiver instead of connecting the video recorder to the **VIDEO** jack of **A/V1 IN** or **A/V2 IN**.
S-Video does not provide audio, so audio cables must still be connected to provide sound.

When a video recorder is NOT connected to VIDEO OUT you can only record a program from the aerial or from the cable system.
Only when a video recorder is connected to VIDEO OUT it is possible to record a program from other equipment connected to the receiver. (See Record with your video recorder, p. 27.)

Note: A/V1 IN and A/V2 can handle CVBS and Y/C; A/V3 IN CVBS and RGB, A/V4 (FRONT) CVBS and Y/C.

Camera & camcorder

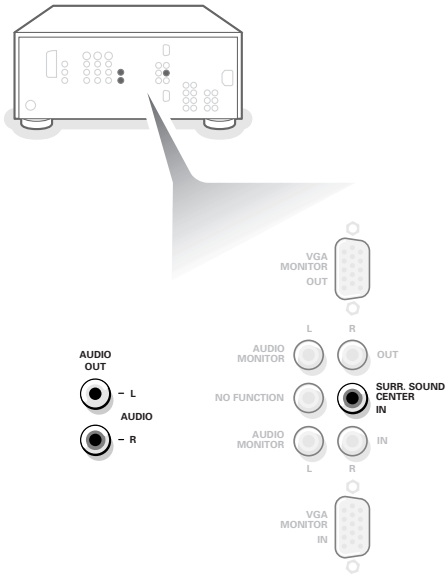


1. Connect your camera or camcorder at the front side of your receiver (**A/V4**).
2. Connect the equipment to **VIDEO** ② and **AUDIO L** ① for mono equipment.
3. For stereo equipment also connect **AUDIO R** ①.

S-VHS quality with an S-VHS camcorder is obtained by connecting the S-VHS cables with the **S-VHS** input ③ and **AUDIO** inputs ①.

CVBS/RGB input

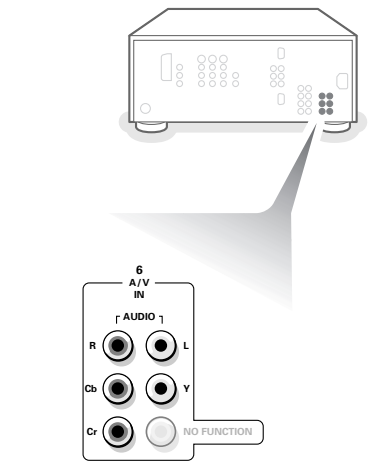
The euroconnector **A/V3** can be used for special applications.



Dolby Pro Logic Surround receiver

1. Connect the audio cable to the Dolby Pro Logic Surround receiver input and to **AUDIO OUT L** and **R** at the back of your receiver box.
2. If you want the loudspeakers of your monitor to act as centre speaker, also connect an audio cable to the Dolby Pro Logic Surround receiver output and to the **SURROUND SOUND CENTRE IN** at the back of your receiver box.
3. Select **Centre Mode On** in the Setup menu. See p. 8.
In the Sound menu only the volume menu item and the headphone menu can be controlled.

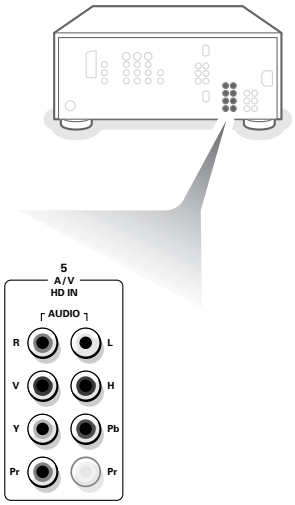
The loudspeakers of the monitor will now only produce centre sound, the loudspeakers connected to the audio receiver will produce Surround Sound.



DVD player

1. Connect the three separate component video cables to the DVD player's **Y**, **Cb** and **Cr** jacks and to the **Y**, **Cb** and **Cr A/V6 IN** jacks on the receiver.
2. Connect the audio cable to the DVD player's **AUDIO L** and **R** jacks and to the **L** and **R AUDIO A/V6** jacks on the receiver.

High Definition input



If you have a Digital Antenna cable connected to a digital Set-top box, connect the Set-top box to the **A/V5 HD** input.

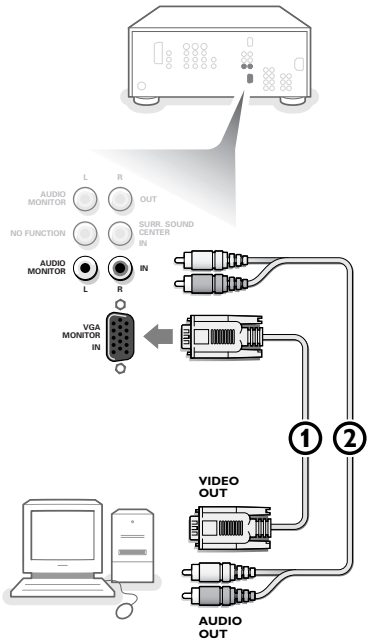
Connect a Set-top box with Pr, Pb, Y output to the **Pr**, **Pb** and **Y** jacks and to the **L** and **R AUDIO** jacks on the receiver.
In case of separate horizontal and vertical sync outputs on your set top box, connect the set top box with these outputs to the **H** and **V** jacks on the receiver.
See also the manual of your High Definition Set-top box.

Warning: in case you notice scrolling images, wrong colours or no colour, no picture, or even combinations of these, on your screen, check if the connections are done in the right way. Check if the cable colours match with the input connector colours

Headphone

1. Insert the plug into the headphone socket at the front side of the receiver.
2. Press to switch off the internal speakers of the TV.
   The headphone impedance must be between 8 and 2000 Ohm.
   The headphone socket has a 3.5 mm jack.

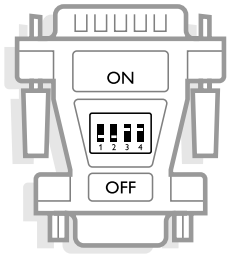
In the **SOUND** menu select **Headphone** to adjust the headphone volume and balance and to select the audio source for your headphone sound. See p. 13.



Connect your computer

1. Connect one end of the supplied VGA cable to the video card of the computer and the other end to the **VGA MONITOR IN** ① connector at the rear side of the receiver box.
2. Fix the connectors firmly with the screws on the plug.
3. In case of a Multimedia computer, connect audio cables to the audio outputs of your Multimedia computer and to the **AUDIO MONITOR IN R** (right) and **L** (left) ② above the **VGA MONITOR IN** connector at the back of the receiver.

   Note: See the instructions with the monitor in case you want to connect your computer to the monitor.



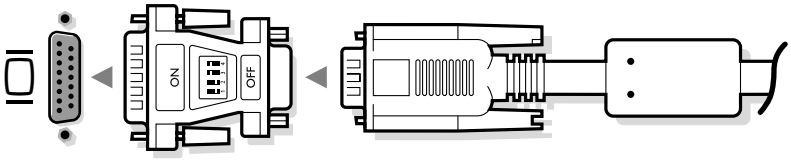
Connect your Apple Macintosh* computer

Attention: Macintosh computers with separate H and V synchronisation signals can be used together with a switchable adaptor. Macintosh computers with Composite Sync and Sync on Green signals may need another special adaptor or cable. Contact your dealer.

1. Connect the switchable adaptor for Apple video connectors to one end of a VGA cable.
2. Put the DIP switches on the adaptor in the following positions :

1	2	3	4
off	off	on	on

3. Connect the end of the VGA cable with the adaptor to the video card of the computer and the other end to the **VGA MONITOR IN** connector on the back of the receiver box.
4. Screw the connectors down firmly.

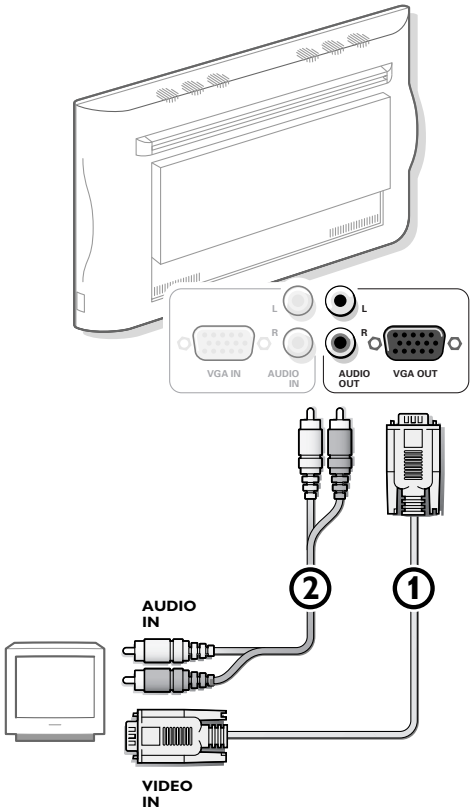


15-pin D sub (2-row)

15-pin mini D sub (3-row)

To reproduce computer screen information and/or programs, see p. 25.

* Apple Macintosh is a registered trademark of Apple Computer, Inc.



Daisy chaining

The Active Loop Through facility makes it possible to make a daisy chain. Connect the monitors (max. 2) **before inserting the mains plugs in the wall sockets**.

Connect another VGA cable to the **VGA OUT** connector ① at the back of the monitor and to the **VGA IN** connector of a second VGA monitor.

Note: A/V5 input cannot be used as source to be displayed in daisy chaining.

In case of a Multimedia computer, also connect the audio cables to **AUDIO OUT R** and **L** ② next to the **VGA OUT** connector and to the audio inputs of the second VGA monitor.

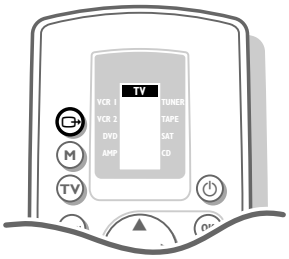
Computer Display modes

VGA	640x480	31.468 kHz	60 Hz
VGA	640x400	31.468 kHz	70 Hz
VGA	640x350	31.468 kHz	70 Hz
VGA	856x480	31.468 kHz	60 Hz
VGA	800x450	31.490 kHz	65 Hz
MAC II	640x480	35.000 kHz	67 Hz
SVGA	800x600	35.156 kHz	56 Hz
SVGA	800x600	37.880 kHz	60 Hz
XGA	1024x768	45.000 kHz	56 Hz
XGA	1024x768	48.360 kHz	60 Hz

When a VGA computer is connected, the selection is made automatically.

A message is displayed when the monitor does not support one of the above mentioned VGA modes.
Switch your computer to a correct display mode.

To select connected equipment



Equipment connected to the rear or to the front side of the receiver

Press the **EXTERNAL** key repeatedly to select **A/V1**, **A/V2**, **A/V3**, **A/V3 RGB**, **AV/4**, **A/V5**, **A/V6** or **VGA**, according to where you connected your equipment at the rear or the front side of your receiver.

If you want to change to TV channels?

Enter the channel number of the TV channel which you want to watch with the digit buttons.

VGA menu

1. Select **VGA** with the ⇨ key.
2. Press the red (picture menu), green (sound menu) or yellow (features menu) key on the door of the remote control to switch on the **VGA** menu (or press the **MENU** key on the simplified remote control).
3. Select one of the PC symbols with the cursor up/down:
   - ◑ for contrast,
   - ☼ for brightness,
   - for colour temperature,
   - for horizontal picture position,
   - for vertical picture position,
   - for volume.
4. Press the cursor left/right to alter the selected adjustment.
5. Press one of the coloured keys again (or the **MENU** key on the simplified remote control) to switch off the **VGA** menu.

Video recorder keys

Most of the audio and video equipment from our range of products can be operated with the extended remote control.

Press the **M** key repeatedly until the arrow in the display indicates **VCR1** for your video recorder or another designation according to other equipment you want to operate with this remote control.

Press one of the video recorder keys:

■ for stop,

◀◀ for rewind,

▶ for play,

▶▶ for fast forward,

⏲ for programming (on certain models),

● for record,

- P + for fast programme selection from the video recorder tuner,

0-9 to select a programme number from your video recorder,

⏻ to switch off the video recording temporarily.

These keys function with Philips video recorders.

DVD (Digital Video Disc) keys

Press the **M** key repeatedly until the arrow in the display indicated **DVD** for your digital video disc.

Press one of the **DVD** keys:

▣ to switch the **DVD** menu on or off,

T-C to select a **DVD** chapter,

T-C + a digit key to select a **DVD** title,

■ for stop,

◀◀ for rewind,

▶ for play,

▶▶ for fast forward,

▷ for slow forward. Press repeatedly to select the speed,

AUDIO to select your choice of audio language,

💬 to select your choice of subtitle language (only in **DVD** mode)

0-9 to select a programme number from your **DVD**.

These keys function with Philips DVD players.

Record with your video recorder

To record S-VHS quality, connect an S-VHS peripheral directly to the video recorder.

Record a TV programme

1. Select the programme number on your video recorder.
2. Set your video recorder to record.
   See the handbook for your video recorder.

Switching programme numbers on your TV does not disturb recording !

Record a program on your video recorder connected to VIDEO OUT on the receiver from Audio/Video equipment connected to AV1, AV2, AV3 or to sockets on the front side of the receiver

1. Switch on the equipment.
2. Select the right external on your TV and on your video recorder.
3. Set your video recorder to record.
   You record what you are watching on the screen.

Do not switch channel numbers or do not switch off your TV when you are recording !

Before Calling Service

Please make these simple checks before calling service. These tips may save you time and money since charges for receiver installation and adjustments of customer controls are not covered under your warranty.

Symptoms	Items to Check and Actions to follow
"Ghost" or double images	• This may be caused by obstruction to the antenna due to high rise buildings or hills. Using a highly directional antenna may improve the picture.
No power	• Check that the receiver's AC power cord is plugged into the mains socket. • Unplug the receiver, wait for 60 seconds. Then re-insert plug into the mains socket and turn on the receiver again.
No picture	• Check antenna connections at the rear of the receiver to see if it is properly connected to the receiver. • Possible broadcast station trouble. Try another channel. • Adjust the contrast and brightness settings. • Has the Child Lock been turned off? • Switch your VGA-source to a correct display mode.
Good picture but no sound	• Increase the VOLUME. • Check that the receiver/monitor is not muted, press the 🔇 key on the remote control. • When no signal is detected, the receiver automatically switches off the sound. This is proper operation and does not indicate a malfunction. • Has the centre mode been switched off?
Good sound but poor colour	• Adjust the contrast, colour and brightness settings. • Check the transmission system's settings of this set.
Poor picture	• Sometimes, poor picture quality occurs when having activated an S-VHS camera or camcorder connected to the front side of of your receiver and another peripheral is connected to A/V1 or A/V2 at the same time. In this case, switch off one of the other peripherals. Do the same when a peripheral is connected to A/V3 CVBS and another peripheral to A/V3 RGB.
Snowy picture and noise	• Check the antenna connection.
Horizontal dotted line	• This may be caused by electrical interference (e.g. hairdryer, nearby neon lights, etc.) • Switch off the equipment.
Television not responding to remote control	• Check whether the batteries are working. Replace if necessary. • Clean the remote control sensor lens on the receiver. • Operating range between receiver and the remote control should not be more than 240". • You can still use the keys at the front of your receiver. • Press the **TV** key to be sure your remote control is in the TV mode.
No stable or not synchronised VGA picture	• Check if you have selected the correct VGA mode in your PC (640x480, 640x400, 640x350, 856x480, 800x450, MAC II, SVGA, XGA).
Control of peripheral equipment	• The infrared signals of the screen may influence the reception sensibility of other peripherals. Solution: replace the batteries of the remote control or change position of other equipment. E.g. keep away a wireless headphone from within a radius of 50".
NICAM sound distortion (crackling noise)	• This could be due to antenna siting or reflected signal. • Switch over to Analogue mode by pressing the I-II key on the remote control.

If your problem is not solved

Turn your TV off and then on again once.

Never attempt to repair a defective TV yourself.

Check with your dealer or call a TV technician.

Tips

End of life directives

We are paying a lot of attention to produce environmentally-friendly in green focal areas. Your new receiver contains materials which can be recycled and reused.
At the end of its life specialised companies can dismantle the discarded receiver to concentrate the reusable materials and to minimise the amount of materials to be disposed of.
Please ensure you dispose of your old receiver according to local regulations.

How to dispose of batteries?

The batteries supplied do not contain the heavy metals mercury and cadmium. Nevertheless in many countries batteries may not be disposed of with your household waste. Please ensure you dispose of batteries according to local regulations.

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Glossary

100 Hz

100 Hertz provides a superior solution to the problem of picture flicker which is particularly noticeable with larger screen sizes. In a conventional TV, the picture area is scanned 50 times a second (50 Hertz) – a frequency which is still detectable by the human eye in the form of a flickering picture. In 100 Hertz sets, the picture area is scanned at a rate of 100 times per second (100 Hertz). At this frequency, the eye cannot detect flicker, resulting in a clearer picture which is more relaxing to the eye.

Aspect Ratio

The proportions of a rectangular display screen. NTSC television has a 4:3 ratio; HDTV is 16:9.

-
Child Lock

Feature to prevent unauthorised use of your TV. The TV can only be switched on and operated with the remote control.

Coaxial Cable

A single solid antenna wire normally matched with a metal plug (F-type) end connector that screws (or pushes) directly onto a 75 Ohm input found on the receiver or VCR.

Colour temperature

TV-function to modify the general colour balance between cool and warm and to adjust it according to your personal preference.

Digital Video

Description applied to any equipment that uses digital techniques to reproduce pictures.

DNR

Dynamic Noise Reduction.
By encoding signals digitally in 100 Hz sets with Digital Scan it is possible to clean up picture noise. This is especially beneficial in poor signal areas and when viewing poor quality video tapes.

Easy Text

Teletext memory that automatically memorises Teletext pages and gives you instant access to them.

LED

Light Emitting Diode or indicator.

Menu

On-screen display of functions and facilities in a well-organised survey, which you can select using your remote control.

Natural Motion

Philips Technology that makes movement on television appear more natural.

NTSC

The broadcasting system used in the USA, Japan and parts of South America and Southeast-Asia.

On Screen Displays (OSD)

Refers to the wording or messages generated by the receiver to help the user with specific feature controls (sound mode, picture format, etc.)

Picture Freeze

TV mode which allows you to "freeze" a certain image in order to study a specific detail at ease, e.g. to make notes of certain programme information like phone numbers.

RF

Radio Frequency or modulated signal design used as the carrier for television broadcasts.

Smart Picture and Sound Controls

Keys on the remote control to select predefined picture and sound settings.

Sleeptimer

Function with which you can set a time period after which the TV should switch itself to standby.

S-Video Input

Allows direct connection of high-resolution video sources, such as a Super VHS videocassette recorder, Laser Disc player, etc. Provides improved picture resolution, sharpness and clarity.

Teletext

See also Easy Text
WST: World Standard Teletext.
FLOF: Full Level one Features. System applied by the BBC, RVE.... that provides a fast access to the teletext pages.
TOP: Table of (Teletext) Pages. German system for an easy access to the teletext pages.

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遥控器

选择**A/V1，A/V2，A/V3，A/V4（调谐），A/V5，A/V6**或**VGA** 见第9页
M 遥控选择外接设备
TV 电视选择

双屏幕通/断 见第16页

音量增大/减小 见第9页
静音 见第9页

图像幅度 见第9页
I-II 双语选择/音响模式选择 见第9页
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字幕语言选择 见第26页
(DVD-数字影碟机)
图文电视通/断 见第17页

图文电视 见第18页
直接图文页或主题选择
索引页选择
中断图文显示
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增大
隐含信息揭谜
时间显示 见第11页
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光标选择键 见第5页
OK 激活选择

P 频道选择 见第9页

屏幕信息 见第9页
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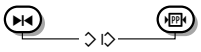
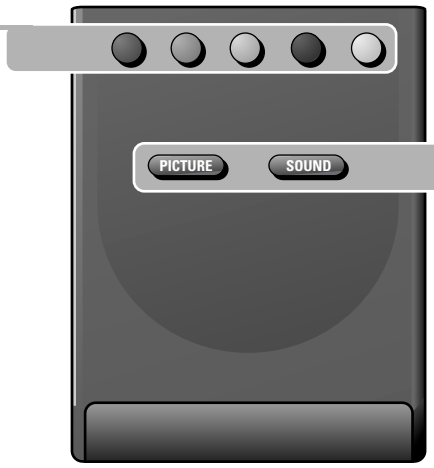
DNR 降低背景噪音
多屏幕通/断
个人音效优先选择

安装 见第5页





图像、声音、性能、菜单 见第12-14页
节目表 见第10页
VGA（电视图像阵列）菜单 见第25页

直接图文页或主题选择 见第17-18页

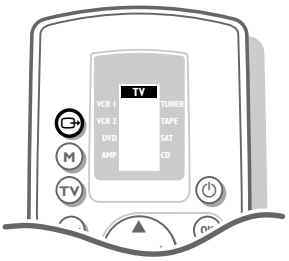
灵智控制 见第10页
图像和音效设置

准备工作

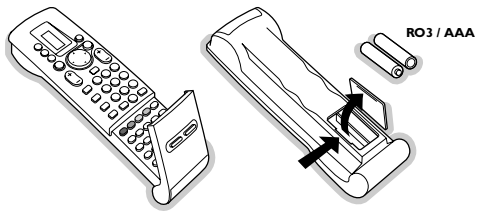
❶ 将电视机安放在合适的地方，机箱周围的空间宽度不得小于5cm以有利通风，也不得盖住机箱上的通风槽（例如：地上柜内，壁后，另一房间……）
为了保证安全，电视机的顶部不得放置任何物体，在电视机附近也不得有诸如点燃的蜡烛之类的明火。电视机要远离热源，避免阳光直射，更要避免水湿雨淋。即使是水滴和溅起的水花，也不允许落在电视机上。花瓶之类装有液体的物体，不得放在电视机上。

❷ 接上**随机配备**的天线电缆①和带有拖曳音频对接插头的**VGA**（电视图像阵列）电缆②其外形见本说明书封面图所示。
注意旋紧电缆②的所有螺钉。

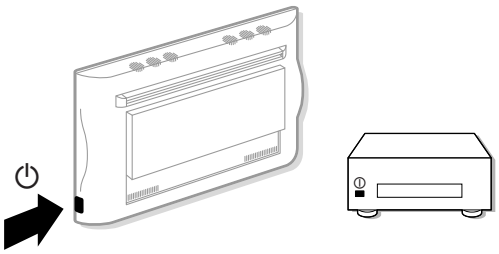
❸ 连接电脑，见第P23。
连接其它外部接设备，见第19页。
为了取得最佳效果，电视机与录像机之间以及录像机与天线插座之间，只能使用随机配备的天线电缆连结。



❹ 将随机配备的电源线③（带有滤波器）插入监视器背面的**电源接口**，电源线④插入电视机后面板上的电源接口，两者与墙上电源插座相连。
随监视器配备的电源线③（带有滤波器），只用于连接监视器，随电视机配备的电源线④只用于连接电视机。

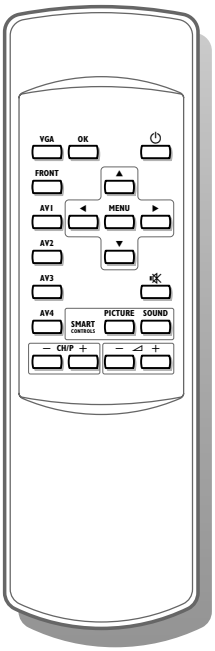


❺ 遥控器：打开电池盖。
装入随机配备的2节电池（型号R03G-1.5V）
按显示屏旁边的**TV**键，以保证遥控器处于电视模式。
随机配备的电池不含有汞和镉。
然而在许多国家里电池不允许和生活垃圾一起丢弃，请按照当地规定查询废电池处理办法。



❻ **开启电视：**按下监视器右侧的电源按钮①及电视机机箱前面板上的电源按钮。
绿指示灯亮且屏幕随之发亮。
如果红指示灯亮，按遥控器上的**–P+** 键。

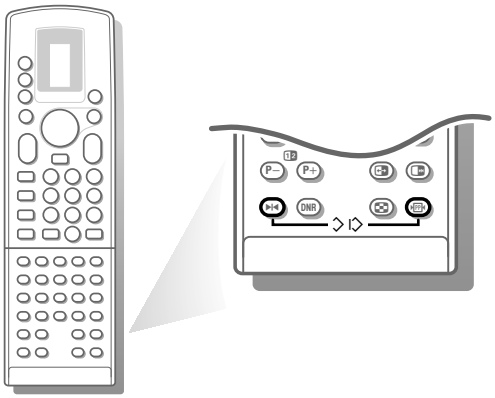
只要按下遥控器上的键，绿色指示灯就闪光。
*当**第一次**开启电视时，**菜单语言**自动地出现在屏幕上，解释用不同的语言显示。一次一种语言。*



监视器配备的**简化的遥控器**的功能是：

- 用菜单键开启或关断**菜单**。
- 用光标键选择菜单或菜单项目。
- 用**OK**键激活选定的项目。
- 用⏻键把平面彩色电视机切换到待机状态，再次按键又可切换到开机状态。
- 用🔇（静音）键使声音消失。
- 用**灵智控制图像（SMART CONTROLS PICTURE）**和**声音（SOUND）**键，选择预先确定的图像和声音设置。
  （不与监视器同在一个独立的状态）
- 用**–CH/P+**选择需要的节目号码。
  （不与监视器同在一个独立的状态）
- 用**–◿+** 键调节音量大小。
- 选择一台已连接的外部设备。

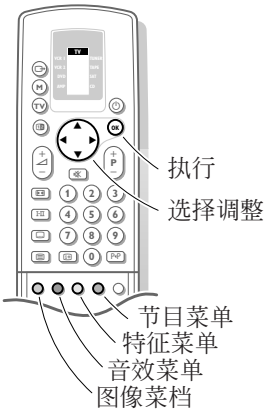
搜寻



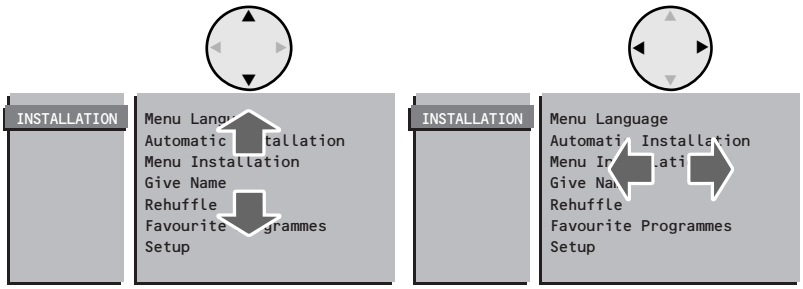
选择搜寻菜单

1. 打开遥控器面盖
2. 同时按下▶◀和PP键

使用菜单

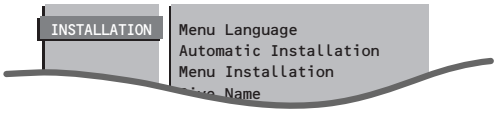


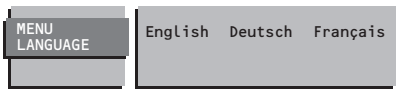
1. 按动上/下、左/右四个方向的光标，选择菜单项目。
2. 按下**OK**键激活菜单项目。
3. 按下遥控器面盖上的一个彩色菜单键，就可调出或退出菜单。



存入 TV（电视）频道

选择菜单语言





首先，选择语言

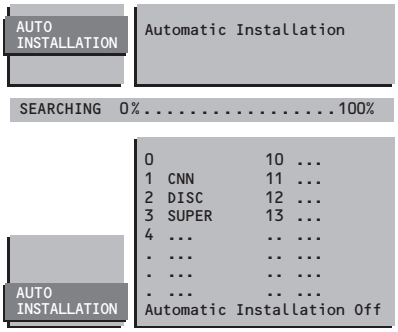
1. 选择**搜寻**菜单中的**菜单语言**并按下**OK**键
2. 安装菜单再现
   搜寻

附注：如果屏幕上显示的语言是用户不懂的语言，请按下面程序操作：

1. *按下遥控器面板上的一个彩色菜单按键关闭菜单。*
2. *同时按下▶◀和PP键。*
   现在显示的安装菜单仍是用户不懂的语言。
3. *按下右光标*
4. *现在可用左/右光标选择语言。*

现在可以用两种不同的方法搜寻和存贮电视频道。
自动搜寻或**手动搜寻**（逐个频道调谐）
选定语言后，按下**OK**键

自动搜寻



❶ 在自动安装菜单时，用左/右游标按钮选择ON（通）并按下**OK**键激活搜寻，搜寻所有电视频道并自动存贮，直到在屏幕底部上显示**Ready**（准备就绪）为止。

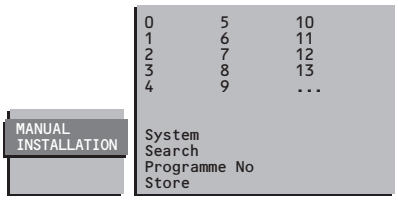
已搜到的电视频道的频道号自动地填入频道安排表。

注：已选择使用其它语言的文字时，频道号和名称仍用拉丁字母写入。

❷ 按下遥控器面板上的彩色菜单键返回到**搜寻**菜单

手动搜寻

一个频道、一个频道搜寻，并将已搜寻到的电视频道存入。
必须完成手动搜台菜单的每一步骤。



❶ 选择电视制式
可设置的制式有：BG5.5MHz, 16MHz, DK6.5MHz, M4.5MHz。
自动地找出正确的制式
由于信号弱或接收不良而出现断续声音，或图像中彩色失调时，可以不用自动探测制式而用左/右光标按钮直接选择用户所在地使用的制式。

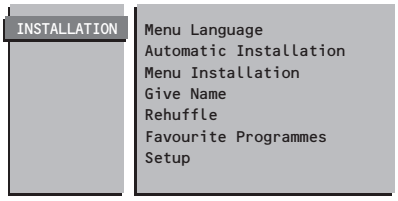
❷ 搜寻TV（电视）频道
频率高端移动直至找到电视频道。
在接收效果不好的情况下，可以用**–P+** 键调节频率改善接收效果。

直接选择电视频道
如果知道频率时，用数字键0至9（例如048）输入频率的3位数。
向有线电视公司或商家索要一份频道的频率分配表

❸ 输入频道号。

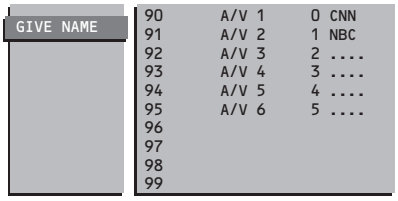
❹ 存贮电视频道，选择存贮并按下**OK**键
重复步骤❶至❹存贮另一个电视频道。

❺ 按下遥控器上的一个彩色菜单键退出屏幕上的菜单。



取名

可以给电视频道规定一个名称。
每个电视频道可用至多**5**个字母或号码取一个名称。
例如CNN，SUPER……
也可在**99**或**0**之间，用中间的一列数字给接入的外部设备取名。



❶ 用**搜寻**菜单选择**取名**功能并按下**OK**键。

❷ 选择频道号。

❸ 按下**OK**键开始输入。

❹ 用上/下光标按键选择字符。

❺ 用右光标按钮选择下一个位置。

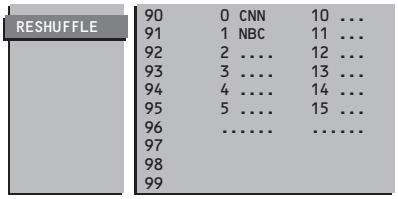
❻ 选择下一个字符。

❼ 操作完成，按下**OK**键。
重复执行上述操作直到所有的电视频道都被赋予您喜爱的名字。

❽ 按彩色菜单键退回到搜寻菜单。
空格、号码、语言相关的字符等等安排在**Z**和**A**之间。

重新整理频道分配表

可根据用户的意愿，变更存贮的电视频道顺序。



❶ 用**搜寻**菜单选择重新整理功能并按下**OK**键

❷ 选择要改变的频道号码。
使用左/右游标按钮选择频道分配表的另一个栏目

❸ 按下**OK**键。

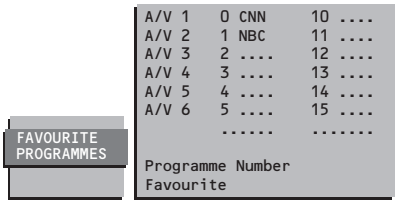
❹ 选择要更换的新号。

❺ 按下**OK**键。
重复操作直至所有的电视频道分配完毕。

❻ 按彩色菜单键回到搜寻菜单

选择个人喜爱的电视频道

在退出搜寻以后，使用本功能按下 **–P+**键浏览电视频道和音/像设备的节目，显示所个人喜爱那些电视频道和音/像设备。非个人喜爱的电视频道仍可用数字键选择。



❶ 用**搜寻**菜单选择**个人喜爱**的电视频道并按下OK键。

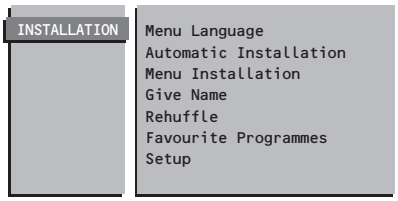
❷ 选择个人喜爱的频道号码。

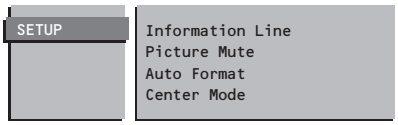
❸ 用上/下光标按钮选择**个人喜爱**功能。

❹ 用左/右光标按钮选择**Yes（是）**或**No（非）**。

❺ 重复❷至❹步骤，把每个电视频道或音/像设备，按个人喜爱或非喜爱分类。

❻ 按彩色菜单键返回到**搜寻**菜单。





设定电视的常用项目

常用项目用于调节最初的设备，即那些与搜寻无关的设定。
常用项目菜单包含的项目有：电视机和已连接的外部设备的调节功能的设定。

❶ 用**搜寻**菜单选择**设定**并按下**OK**键。
❷ 使用彩色菜单键返回或关闭菜单。

信息行
按下左/右光标选择**ON**（开启）。
在选择电视频道以后或者在按下遥控器上的i+键以后，广播图文的电视频道可以播放电视频道的名称或节目名称，或在屏幕底部的信息行内简单的显示另一条信息。
当选择**OFF**（断）时，信息行仅在按下i+键以后出现。而在选择电视频道以后不出现。

画面静音
在没有图像或信息时，按下左/右游标按钮，选择**蓝色**或**黑色**屏幕，在VGA（电视图像阵列）模式中，常使用黑色静音。

自动幅度
用左/右游标按钮，选择**YES**（是）时，自动幅度是画面幅度的一种，而画面幅度可用⇔键选择幅度。
如画面幅度选用**自动幅度**，画面会充满整个屏幕，见第9页。

中心模式
杜比音频接收装置与电视机相连且已选择**中心模式ON**（开启）时，监视器的扬声器会起到中心扬声器的作用，不必再另装专门的中心扬声器。

*警告：在杜比音频接收装置没有连接电视机而选择了中心模式**ON**（通）时，将会听不到声音。*
*选择**中心模式OFF**（断）时，可使得声音恢复。*

操作

遥控器的使用

选择外部音像设备
根据外部音像设备的位置，连续按此键以选择**A/V1**，**A/V2**，**A/V3**，**CVBS**，**A/V3RGB**，**A/V4(FRONT前)**，**A/V5**，**A/V6**，**VGA**（见第25页）。
*注意：在**VGA**模式中，只有部分键有效。见**VGA**菜单(见第25页)*
*如果选择**VGA**，菜单及屏幕上的信息将消失。*

M 模式选择
连续按此键以指示用遥控器操作的外部设备。

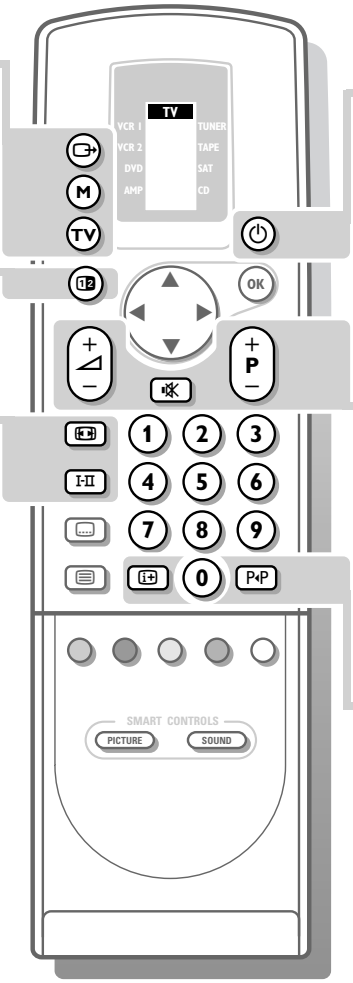
TV TV 电视操作
按此键则可在TV模式中直接使用遥控器。

双屏 见第16页

画面格式
反复按此键可选择不同的画面格式：4：3格式，宽银幕14：9格式，有或没有字幕的宽银幕16：9格式，超宽格式，宽格式或自动格式（当自动格式在设定菜单中被设定到“是”时）。
自动制式可使画面最大程度地充满屏幕.超宽格式可消除4:3格式时边上的黑条,而且不会引起明显的变形.
当选择宽银幕14：9格式或16：9格式时，可以用上/下游标来显示字幕
注：在VGA模式下，按键可在4：3格式，16：9格式或宽格式之间切换. 在双屏幕模式下，按键可在全画面或压缩画面格式之间切换。

I-II 双语选择和音效模式选择

按此键:
- 如为立体声传送，可从**Stereo**（**立体声**）切换到**Mono**（**单声道**），或者，对于数码传送从**Digital Sound**（数码立体声）切换到“数码可用**Digital Sound Available**（**可实用的数码声音**）；
- 如为双语传送，可在I语言（双I）或II语言（双II）中进行选择,电视各频道的设定是分开贮存的。



待机状态
电视处于待机状态时，电视机机箱前面板上的红色指示灯亮。
按键或**–P+**键或数字键，可重新打开电视。
尽管本电视机在待机状态下耗电极少，仍建议用户在夜间关闭电视而不要让其处于待机状态，这样可以节电。

音量
按 + 或 - 调节音量,如要把音量调节结果存入存储器，看参14页的特征菜单，Sound PP store（声音PP储存），存入适用于所有频道的音量调节结果。

P 节目选择
激活个人喜爱的频道菜单。

静音
暂时中断或恢复声音。

0/9 数字键
选择电视频道
对于两位数的频道号，应在2秒内输入第2位数。

P◂P 预选
显示预选的电视频道或音像设备。

永久性频道号
屏幕信息
按住本键3秒钟，就可开始/退出频道号的连续显示。
简单地按下此键，显示下列有关信息：选择的电视频道或音像设备，音效模式,画面制式设定，选择的DNR设定，睡眠定时器的剩余时间。

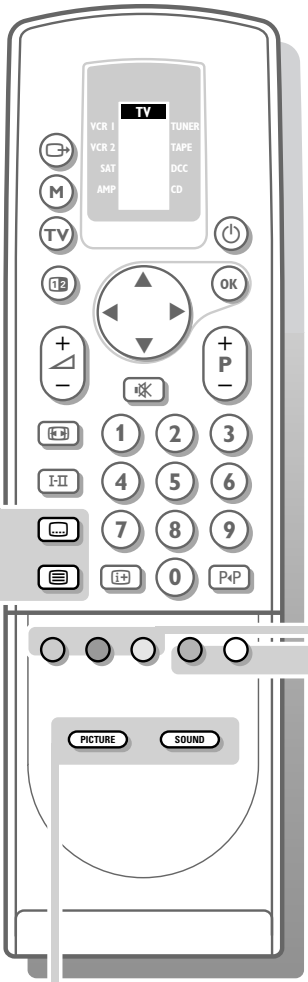
连续的字幕
图文信息电视频道经常用字幕传送节目。
打开图文电视，从目录中选择适当的字幕页。
按此键储存入该字幕。
关闭电视图文。
字幕信息只要一送到选定的频道，此频道就显示出来。
按此键**打开**或**关闭**字幕
若打开后出现符号，则此频道就不能看到字幕。

电视图文 开/关 见第17页

智能键
选择预定义的图象和音效设定。

图象
（A/V5和VGA模式中没有）
按此键,即可选择设定及相应的预先定义的色彩，亮度，对比，清晰度，色调，数字降噪，色温和对比度设定。改变图象设定时，智能图象设定应调到**Personal（个人设定）**。

音效
（VGA模式中没有）
一按此键即可改变声音设定及其相应的高音，低音，最佳的环绕立体声，及空间（如单声道）。
Personal指的是用特征菜单中的**Sound PP存储器**存入的个人喜爱的音响效果**Features**（特征）（见第14页）。菜单选项中用**Sound PP Store** 储存的个人喜爱的音效设定。
改变音响效果设定时，灵智音效设定应调到**Manual（手动）**，直到手动调节信息被存入或关闭电视机，再重新开启。
注意：该菜单钟的所有数值将改变以前所作的个人设定。如果电视机已经预调好图象设定，用图象菜单修改此设定时，原先预调好的设定的所有值都将重写。



Picture（画面）菜单（红键）
Sound（声音）菜单（绿键）
Features（功能）菜单（黄键）

频道排列表
按蓝键选择频道排列表。
用上/下左/右方向的光标选择想看的电视频道或音象设备，然后按**OK**键。个人喜爱的频道中频道号码用白色文字显示，不在个人喜爱频道表中的频道号码用黑色文字显示，正在收看的频道用黑色方框标出。

磁带录像机键 见第26页
数码影碟键 见第26页

⏭ 定格
按此键播放的画面即被定格。
再按消除已定格画面。
在双屏幕中两个画面都被定格。

DNR 数码降噪
用来降低接收弱信号时的图像噪声、提高画面质量。
按键，在“最小”**DNR min**，“中”**DNR med**（正常信号强度下最佳图像质量），“最大”**DNR max**（图像质量较差时）或“关”**DNR off**。

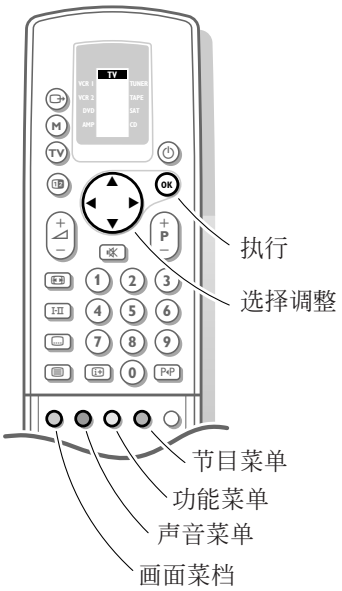
时间显示
在屏幕上显示从频道编码**1**或最低的喜好频道（包括图文电视）中下载的时间。
当启用连续字幕功能时，该功能不能使用。

多屏幕
MOSAIC菜单行出现。
用 ◀ 或 ▶ 选择要使用的功能。
浏览：喜爱的电视频道表中频道节目顺序出现。
按P+键选择一组频道（一组12个频道）或音像源（**A/V3 RGB, A/V5**和**VGA**除外）选择完成后，按 键使屏幕中心的主画面与活动小画面相等。用红边标出的活动小画面和音像源的节目可以直接用OK键选择。这时多画面停留在屏幕。
图片完成：主画面用一连串定格画面显示，再按**OK**键得到一个新的定格画面序列。
慢动作：画面按图像逐帧显现。
再按**OK**键快进。
再按OK键，画面产生速度恢复正常。
按 关闭多屏幕。

如果选择了A/V5或VGA,则多屏幕不能产生。

个人喜爱的音效
此设定存储在特征菜单的**Sound PP store**中。

菜单的使用

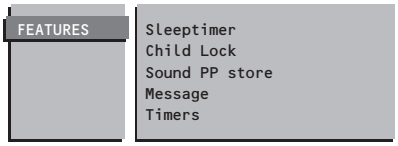


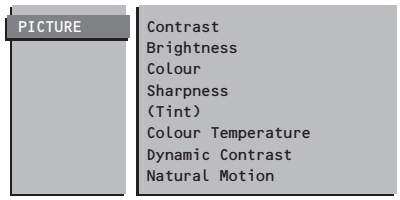
❶ 按红，绿或黄键显示/取消**画面**、**声音**或**功能**菜单。

❷ 用上/下光标选择菜单项目

❸ 用**OK**键来激活。

❹ 再按同一的菜单键，回到或关闭菜单。





画面菜单

用NTSC制式观看电视频道的节目时或接入NTSC制式外部设备时,菜单色度项目也出现且可调。

对比度
用此键调节画面的对比度。

亮度
用此键调节画面的亮度。

颜色
用此键调节画面的色饱和度。

清晰度（*经过A/V5的信号此功能无效*）
用此键调节画面的边缘清晰度。

色调（*仅限于NTSC信号*）（*对于经过A/V5的信号此功能无效*）
用此键调节画面的色调。

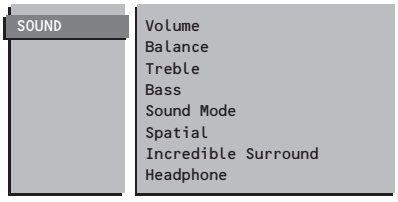
色温
用此键调节图象的色温。

用左/右光标选择（**正常**），（**冷**），（**暖**）。

动态对比度（*经过A/V5的信号，此功能无效*）
通常选择“中”**Med** 或 “最大”**Max** 来使图像的明暗区域对比更加明显。
在某些环境中，也可选择“最小”**Min** 或 “关”**Off**。

自然移动（*经过A/V5的信号本功能无效*）
Natural Motion On自然移动产生的流畅移动看起来更自然。
*在更换电视频道后，自然移动将自动的设定为**ON**。*

声音菜单



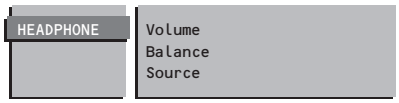
将音量、平衡、高音音平和低音音平，最佳环绕声的修正的调节值以及适用于所有带有Sound PP的频道的耳机音量和平衡的修正调节值存入**特征**菜单的**Sound PP store**中。

声音模式
除非已选定音效模式，否则电视机将会根据电视频道传送的音效选择立体声模式或数字音效。
由于传送的原因，如果立体声信号或数字信号很弱，可以选择模拟信号或单声道信号音效。

空间声
各个电视频道空间可以分开调节。
电视台播出频道的音响是单声道就只能选择空间功能。
收听单声道广播时，如选择**空间On（开启）**，就可以在两个声道而不是在一个声道上产生声音而创造出假立体声效果。

最佳的环绕立体声
电视台播放立体声时只能选择环绕立体声。
当选择**最佳的环绕立体声**模式时，扬声器之间的距离似乎更远了。

*注意：已连接了一台杜比降噪接收装置，那么请选择关闭**最佳的环绕立体声**。*
如果已选择调整菜单中的中央模式按钮，那么平衡、高音、低音、音响模式、空间及最佳环绕声等项目都不能选择。
注意：电视机如果接入杜比音响接收装置，就不能选择最佳环绕声模式。



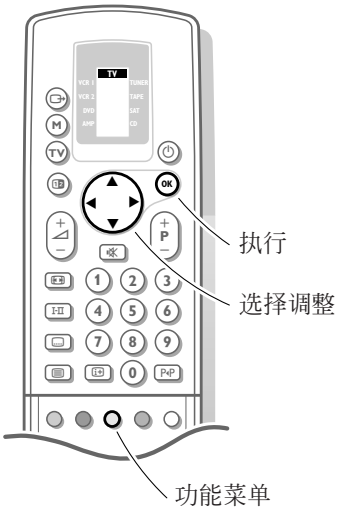
耳机
连接耳机 见第22页 连接外围设备。

- 选择用耳机听的音象源：**Automatic（自动）**，**TV（电视）**，**A/V1**，**A/V2**，**A/V3**，**A/V4**，**A/V5**，**A/V6**或**VGA**（或输入取名菜单中名字）。
如果收听正在电视上播出的节目的伴音，则选择**Automatic自动**。

  注意：在双屏幕情况下，在耳机中只能听到左半边图像的伴音，除非外围设备传送的图像选择了右半边，那么将听到自右半边图像的伴音。

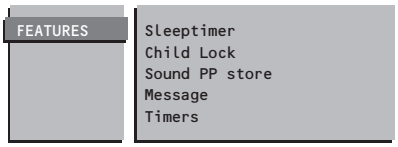
  收听电视节目的伴音，选择TV（电视）。

- 在所有其它情况下选择接入电视机的音象设备。
电视机应当开启，但不必观看。



Features Menu（功能菜单）

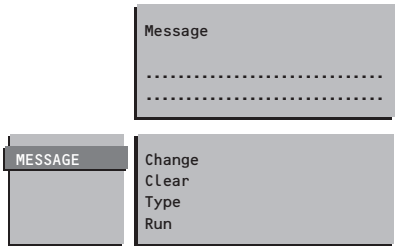
1. 按下黄键显示/取消**功能**菜单。
2. 按上/下光标选择菜单条目。
3. 按**OK**键执行。



睡眠定时器
使用睡眠定时器能设定一个时间段，到这个时间段以后，电视机自动切换到待机状态。
定时器最长运行时间为180分钟。
电视机切换到待机状态前1分钟，屏幕将显示剩余时间和**晚安**字样，时间单位为秒。这样，用户就可提前关机或改变时间设定。
注：当选择VGA设备时，睡眠定时器运行结束，电视不会切换到待机状态。

童锁
如果童锁启动，电视只能用遥控器开启。电视机前门内的**频道－**和**＋**及**音量－**或**＋**键不能使用。用这种方法，能防止未经允许观看电视，电视机也不会自动切换到接入的音象设备。屏幕上出现**Child Lock ON（童锁开启）**字样。必须先关掉童锁，才能使用电视机上的**频道－**和**＋**及**音量－**和**＋**键。

存储器
音效菜单中的音量，平衡，高音，低音和最佳环绕调节值和耳机菜单中的音量和平衡调节值都能存入存储器，以用于所有的频道。



信息
用本功能能输入两行个人信息，电视机开启时，信息自动显示。
例如：今晚我晚点回家，晚餐不用等。

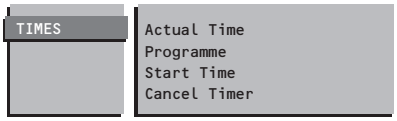
改变
按下**OK**键开始开始输入信息。
用上/下光标选择输入的字母和数字。
用右光标选择下一个位置。
信息输完后按**OK**键。

清除
按**OK**键清除前一条信息。

类型
按左/右光标选择显示信息的方式：**划变式**，**滑动式**、**下降式**或**渐弱式**。
渐弱显示是其它三个显示类型的任意选择。

运行
按左/右光标选择播放频度：**Continuous（连续）**，**Once（一次）**或**No（不放）**。

显示信息
电视切换到待机状态。
电视再次打开时信息出现在屏幕上。如果选择**Once（一次）**，信息只能显示45秒钟。
如果选择**Continuous（连续）**，信息一直显示直到信息菜单中的运行条目被切换到**No**或电视机关机。RUN（运行）菜单关闭或者直到电视机的电源关闭。
连续字幕功能开启信息不会出现（见第10页）。



时间
利用时间菜单，在规定的时间能使电视自动从待机状态切换到开机状态或另一个频道。
不要用电视机上的电源键⏻关机。

有效时间
如果规定1频道或个人喜爱的频道表中安排的除1频道外的最低频道上播放图文电视，时间就从该电视频道中下载。
否则就得用数码键手工设定时间。
手动设定的时间将逐分钟向前运行，直到电视用电源键⏻关机。
注：如果输入的数字错误，用任意数字完成有效的时间，然后再启动，计时器是24小时制而不是传统的12小时制!

频道
用数码键输入电视机要切换到的频道号，用24小时制而不是传统的12小时制。

启动时间
用数码键输入电视机要切换到的电视频道的启动时间，用24小时制而不是12小时制。

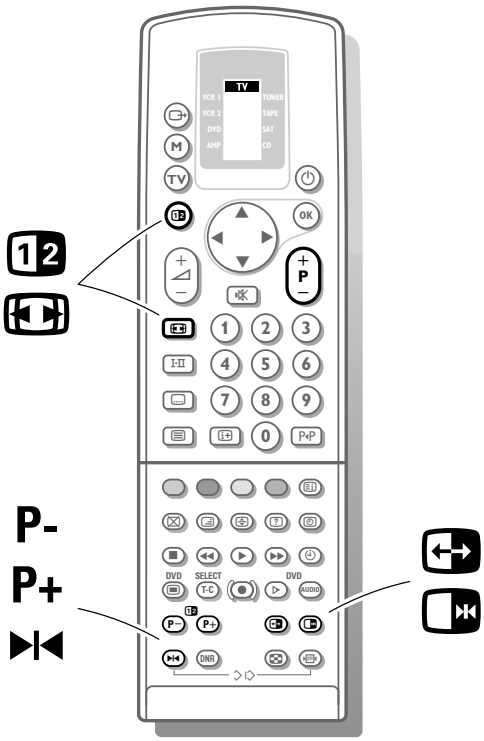
取消定时器
选择**取消定时器**和按**OK**键从新设定时间为--:--

电视机机箱前面板上的键

如果遥控器丢失或损坏，可以用机箱前面板上的键浏览电视频道和音像设备的节目或改变一些基本的图象和音效设定。
频道－或＋键使你能选择电视频道或音象设备。
音量－和＋键能调节音量。
*注：如果童锁信息出现，使用电视机上的**频道－**或＋键以及**音量－**和＋键前，童锁必须关闭（用遥控器）见第14页。*

连续按电视机前门内的**Local Menu（局部菜单）**键选择音量，亮度，色彩，对比度，高音或低音。
按**音量－**和＋键调节已选定音量值。
调好的设定值如果在10秒钟内不执定，将自动关闭。

双视窗



❶ 按 1 2 键打开双视窗。
电视屏幕将分成两个不同的画面。
左半边的画面是已选定的电视频道或视频设备的节目。
右半边的画面是预选的电视频道或视频设备的节目或频道安排中下一个频道的节目单。
若 1 2 键在以前已被选择，则会再次显示最后选定的右半边图象的画面。

❷ 按 键选择垂直压缩或非垂直压缩画面尺寸。

选择左边和右边图像

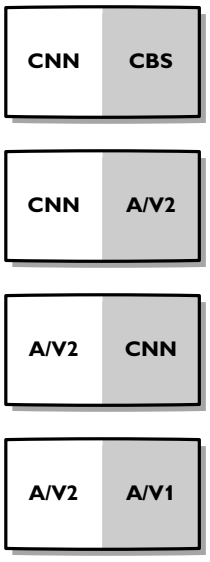
❶ 按 **+ P –** 左半边画面运行个人喜爱的频道及音象设备的节目。

❷ 按**遥控器面板上**的双屏 **+ P** 或 **P –** 键，选择显示在右半边屏幕上的个人喜爱的频道及音效设备的节目。
按双屏 **+ P** 或 **P –** 键3秒钟，开始在右半边画面上自动按上行或下行的顺序浏览各频道节目。

注意
- *外围设备（如录像机）传送的右半边。*
- *A/V3, RGB, A/V5, VGA 不能在左半边画面上播放。*
- *左半边图象的伴音信息（例如歌词字幕等）显示在右上角。*

图象交换
按遥控器面板 键，左半边和右半边的图像交换，伴音也同时交换。

选择静止画面
按 键得到左右两边图象都定格的画面。
再按 键取消静止画面。
按 键只能定格右边图象中的画面。
如果荧屏不处于双屏模式，输入双屏模式，则左半边显示的图象会以定格的方式重新显示在荧屏的右半边。
再按 键取消右半边静止的画面。



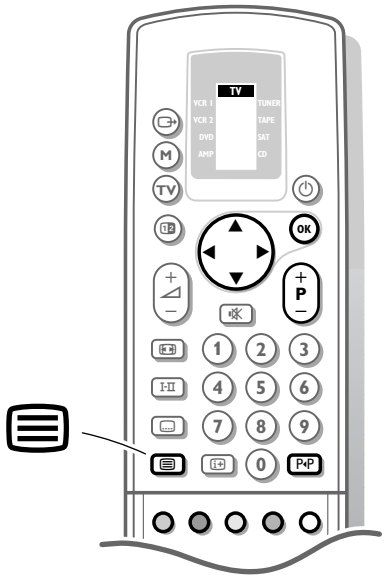
双视窗的可能组合
– 电视频道/电视频道
见选择左右图象。

– 电视频道/外围设备
见选择左右图象。

– 外围设备/电视频道
见选择左右图象。

– 外围设备/外围设备
见选择左右图象。

图文电视



大多数电视频道的广播信息用图文传送。广播资讯电视的每一频道都传送一页如何使用图文系统的信息。
用主索引（通常100页）检索图文页。
使用的频道决定传送图文的系统：WST，FLOF或TOP图文。
屏幕底部右侧选择行的色彩与遥控器的彩色键的色彩一致。

关于便捷文本

便捷文本通过下列方式大大减少了等待时间（条件是接收某个电视频道的图文电视广播传送至少半分钟）按照：

- 直接选择正在传送的图文页的前页及随后各页，这些图文页在选择行中标出。
- 常规观察表：经常使用的页面自动地列入优先页表，以便快速检索。
- 预捕获页号参见显示页。
- 预先捕获所有的副页。

图文的开启（ON）和关闭（OFF）

按下 图文开启或关闭。
主索引页出现在屏幕上。
注：图文模式对双屏幕无效。

选择图文页

使用数字键
用数字键输入需要的页号。
页号已存入存贮器时，页面计数器检索页面或立即显示页面。
*输入不存在或错误的页号时，信息出现，不存在的页号用**0**或**9**开始，此时应另选页号。*

选择行
用彩色键选择需要的主题，荧屏右下侧选择行的色彩与键的一致。

快速浏览图文页

按下左/右光标或 **– P +** 键浏览前面及随后的各页。

选择预选的图文页

按下P↮P键。

选择图文索引页

按下 键显示主索引（通常100页）。

页面表

页面表只用于图文广播
页面表可命令目录中的图文，这样检索页号更加容易。
按 键，显示页面表图文主题的概况。
不是所有电视频道都播放T.O.P图文。当图文制式不是T.O.P图文时，信息显示在屏幕的右上部，用上/下、左/右光标选择需要的主题并按下**OK**键。

选择副页

当选择的图文页由多种副页组成时，在屏幕上显示出一种副页。
在屏幕右侧垂直条内显示的彩色数字就是副页号。
选择其它副页可以用2种方法：

用上 / 下光标
光标在传递的信息中一检索出副页号，就用白色显示出，将它们存入存贮器以便图文页显示在屏幕上时即可使用。
用上/下光标选择前副页或随后的副页。

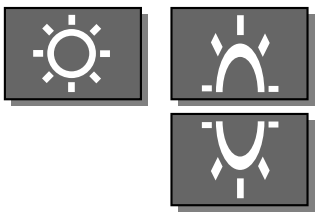
加上副代码
按下 键，用数字键输入需要的副页，例如，7个副页的第3个副代码为3。
电视检索选择的副页。

自动翻转副页：
再按下 键取消副码。
现在副页自动翻转。

再按下 键，现有副页号的垂直条再次重显。
用上/下光标选择副页。

特殊的图文功能

中断
按下 键并显示电视节目。
显示 键表示仍处在图文模式。
可选择页面号。
再按下 键显示图文页。



混合
按 键图文页复盖在电视节目上。
再按 键只显示图文页面。

加大
反复地按下 键显示上部、下部然后返回到正常页面大小。

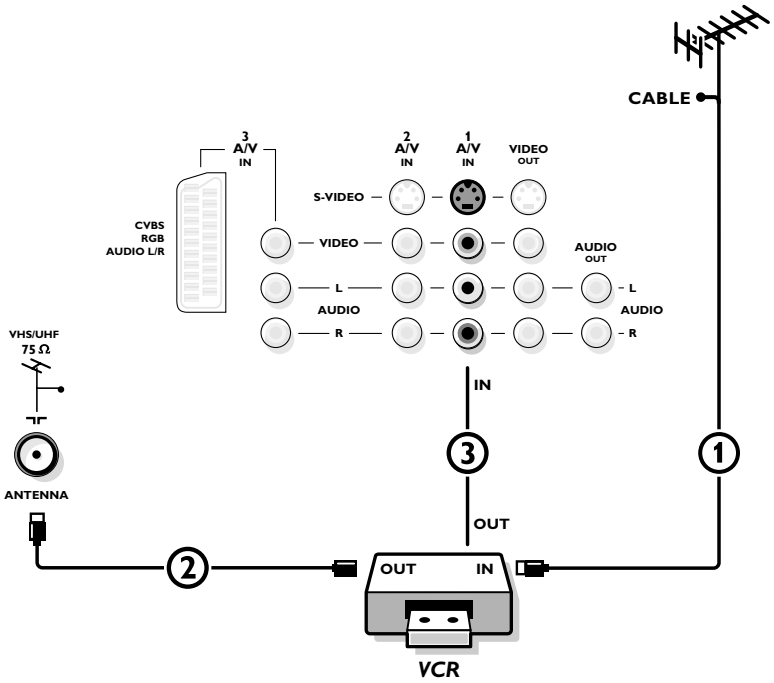
揭示
按键 揭示/隐藏隐含信息，例如，谜语的谜底和智力难题的答案。

连接外围设备

电视机可接入各种类型的音象设备，下面的接线图显示将它们与电视机的后面板或前面板连接的方法。

录像机

注：不要将录像机放在太靠近屏幕的地方，因为保持与屏幕最小距离为20厘米。



❶ 将供给的天线电缆①，接入录像机的**PF IN**（**射频入**）插口内。

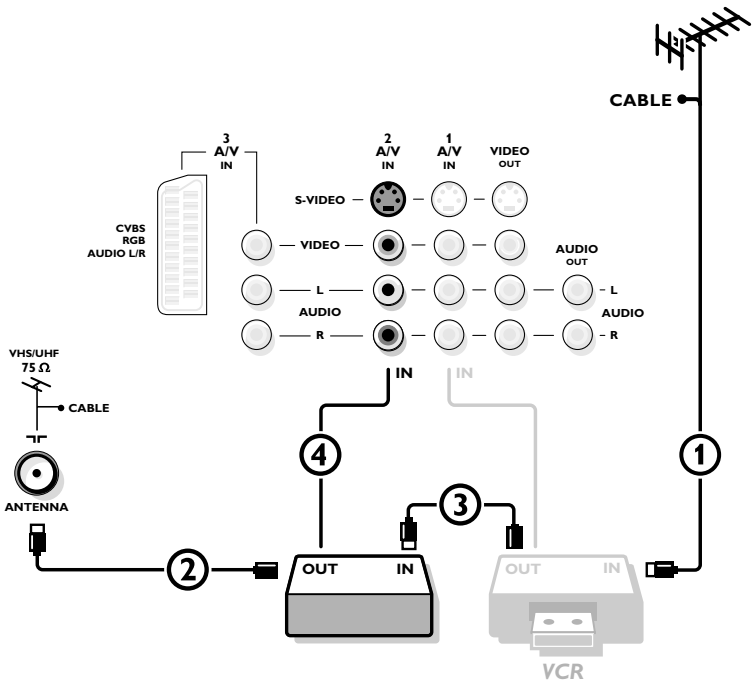
❷ 将另一根射频缆②，从录像机的输出（OUT）接入接收机的输入┳。
再将视频，左声道和右声道（仅对主体声设备）电缆③接至**VIDEO**，**VIDEO L**和**R**输入**A/Y IN1**或**A/V IN2**，则可以得到录像机重放的画面，质量较好。

电视机上的**VIDEO OUT**（**视频输出**）插口可以用作菊链或录制电视机的节目，见录像机的录制，见第27。

如果使用的仅是单声道设备，只连接**VIDEO**（**视频**）和**VIDEO L**（**左声道**）接口。

在录制机具有超级家用录像系统（S-VHS）视频接口时：
为了提高图像质量，将一根超级视频电缆，用电视机上的**S-VIDEO**（**超级视频**）输入替代连接**VIDEO**，接入A/V1 IN或A/V2 IN的视频接口。
超级视频不提供音频，因而仍应将音频电缆接入供音。

录像机与其它音频 / 视频外围设备



❶ 请将录像机与额外的射频电缆③相互连接。

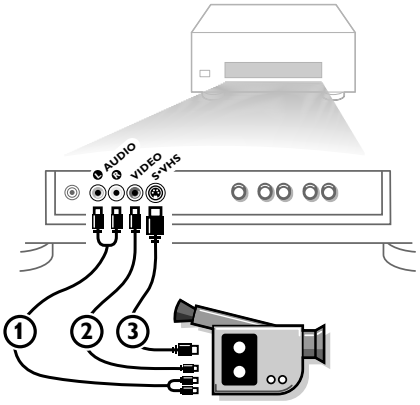
❷ 为了得到较好的图像质量，也将视频，左声道和右声道（仅对立体声设备）电缆接入**A/V IN1**或**A/V IN2**的**VIDEO**（**视频**）、**AUDIO L**（**左声道**）和**AUDIO R**（**右声道**）插口。

在录像机具有超级家用录像系统（S-VHS）视频接口时：
为了提高图像质量，用接收机上的**S-VIDEO**（**超级视频**）输入替代连接录像机，将一根超级视频电缆接入**A/V1 IN**或**A/V2 IN**的**VIDEO**接口。
视频不提供音频，因而仍应将音频电缆接入供音。

当录像机没有接入视频输出时，仅能够从无线或有线系统录制节目。
只有在录相机接入视频输出时，才可能以与电视机连接的其它设备录制节目（见录像机的录制，见第27页）。

注：A/V1 IN和A/V2可以使用CVBS（复合视频信号）和Y/C（黄色）；A/V3可使用CVBS和RGB（红绿蓝），A/V4（面板上）可使用CVBS和Y/C。

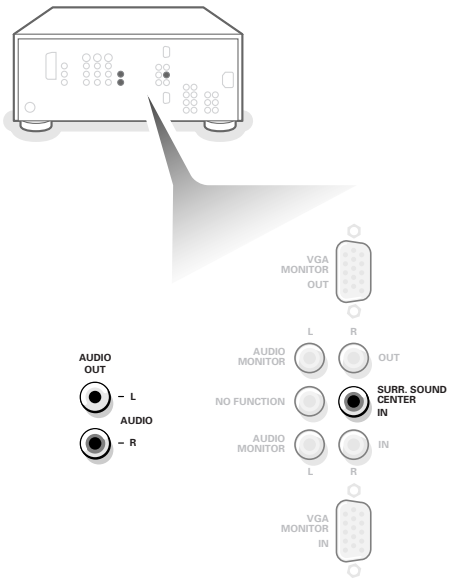
照像机和摄像机



1. 将照像机或摄像机接在电视机面板（**A/V4**）上。
2. 对于单声道装置将设备接入视频②和左声道①。
3. 对于立体声装置还要连接右声道①。

闲与**S-VHS**（**超级家用录像系统**）输入③和AUDIO（音频）输入①连接S-VHS电缆可得到用S-VHS摄像机的S-VHS质量。

CVBS（复合视频信号）/RGB（红绿蓝）输入

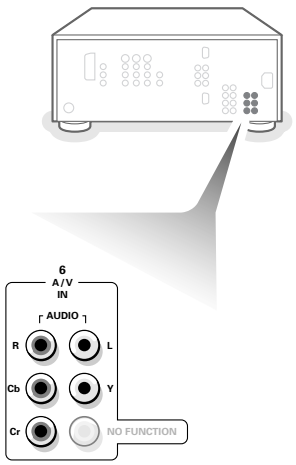


欧式插口A/V03能作特殊的使用

杜比程序逻辑环绕接收机

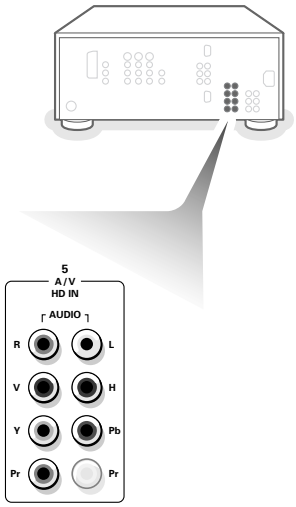
1. 把音频电缆接入杜比程序逻辑环绕接收机输入和在电视机机箱后面板上的**AUDIO OUT L**和**R**（**左、右声道输出**）。
2. 如果想要将监视器的主扬声器作为中心扬声器，又要将音频电缆接入在接入在电视机后面板上的杜比程序逻辑环绕接收机输出。使环绕声中心输入。
3. 用设置菜单选择**中心模式ON**（**开**），见第8页。
   在音效菜单里仅有音量菜单和耳机菜单可调节，监视器的主扬声器现在只会产生中心声音，与功放机连接的主扬声器会产生环绕声。

DVD（数字影碟）机



1. 把三根单独的视频支线接入数字影碟机的**Y**，**Cb**和**Cr**插口及接收机的**Y**，**Cb**和**Cr A/Y6 IN**插口。
2. 把音频电缆接入数字影碟机的左、右声道插口和接收机的左、右声道A/Yb插口。

高清晰度输入



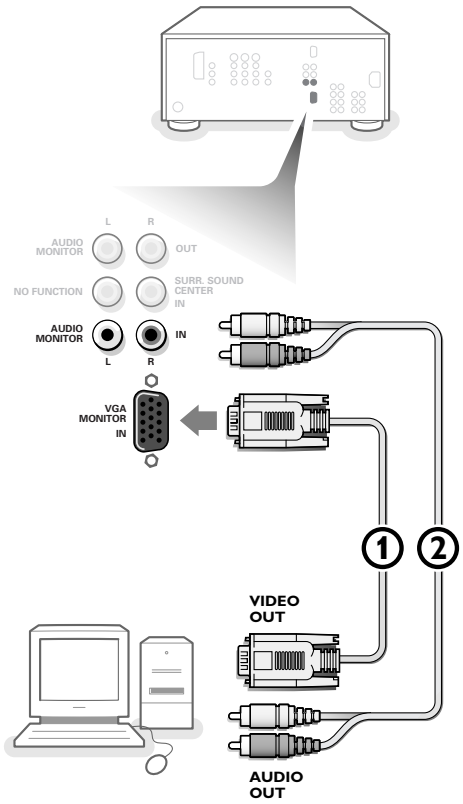
如果具有与数字电视机机顶盒连接的数字天线电缆，则将电视机机顶盒与A/V5 HD输入。
用Pr,Pb,YI输出把电视机机顶盒接入电视机上的**Pr**，**Pb**和**Y**插口和**L**、**R AUDIO**插口。
在电视机机顶盒上分立水平和垂直同步输出的情况下。
用这些输出将电视机机顶盒接入电视机上的H和V插口，见高清晰度电视机机顶盒手册。

警告：在屏幕上出现图象滚动，彩色混乱或无色，无图像或者甚至这些毛病混合一起时，请检查接线是否正确。检查电缆颜色是否与接入的插口颜色相符。

耳机

1. 将插口插入电视机面板上的耳机插口内。
2. 按键以切断电视机内接扬声器。
   耳机阻抗应在8至2000欧姆之间。
   耳机插座设有3.5毫米插口。

用音效菜单选择耳机，调节耳机音量和左右平衡以及选择用于耳机声的音频源。见第13页。



连接电脑

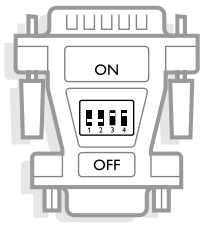
❶ 将供给的VGA电缆的一端接入电脑的视频卡而另一端接入电视机机箱后面板的**VGA MONITOR IN**（**VGA监视器输入**）插口。

❷ 用插头上的螺钉牢固地固定插口。

❸ 用多媒体电脑时，将音频电缆接入多媒体电脑的音频输出，并接在电视机后面板上，**VGA MONITOR IN**插口上面的**AUDIO MONITOR IN R**（**音频监视器左**）、**R**（右）②声道输入。
注：在作电脑与监视器的连接时，请参见监视器的说明书。

连接苹果机

注意：具有分立H和V同步信号的苹果机，可以与可转换的适配器一道使用，用复合同步和绿色信号同步的苹果机需要另一种特殊的适配器或电缆，请与卖方联系。



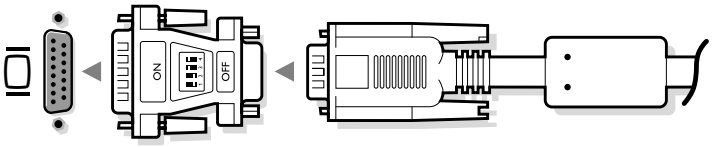
❶ 将苹果视频接口用的可转换适配器接入VGA电缆的一端。

❷ 将适配器上的DIP开关置入下列位置。

1	2	3	4
断	断	通	通

❸ 将带适配器的VGA电缆的一端接入电脑的视频卡而另一端接入电视机后面板上的**VGA MONITOR IN**。

❹ 旋紧连接头。

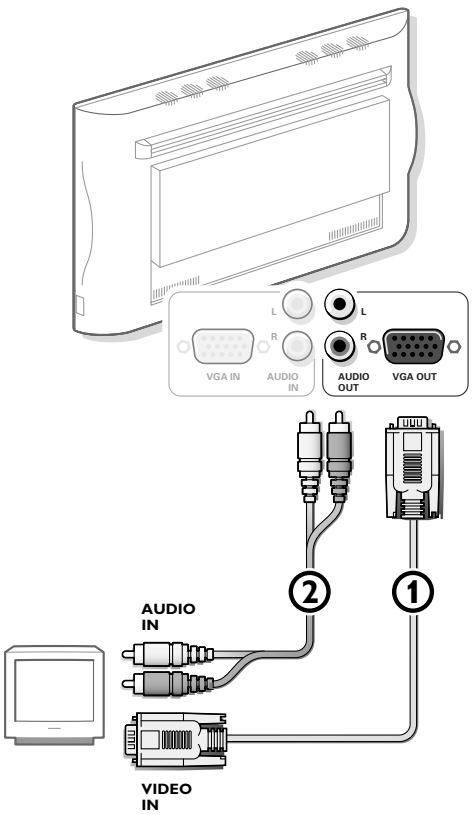


15针D sub
（2排）

15针最小D sub
（3排）

关于重现电脑屏幕信息和/或节目，见第25页。

* 苹果机是苹果计算机公司的注册商标。



菊花键
通过软件将有源回路作成一个菊花链。
在将电源插头插入壁上插座前连接监视器（最多2台）。

将另一根VGA电缆接入监视器背面的**VGA OUT**接口①及接入第2个VGA监视器的**VGA IN**接口。

注：A/V5输入在菊链中不能用作显示源。

在接入多媒体电脑时，把音频电缆的一端接到**VAG OUT** 接口旁边的音频输出接口**AUDIO OUT R**和**L**②。把音频电缆的另一端接到第二台监视器的音频输入接口。

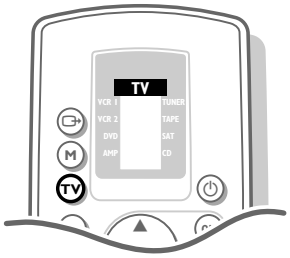
电脑显示模式

VGA	640x480	31.468 kHz	60 Hz
VGA	640x400	31.468 kHz	70 Hz
VGA	640x350	31.468 kHz	70 Hz
VGA	856x480	31.468 kHz	60 Hz
VGA	800x450	31.490 kHz	65 Hz
MAC II	640x480	35.000 kHz	67 Hz
SVGA	800x600	35.156 kHz	56 Hz
SVGA	800x600	37.880 kHz	60 Hz
XGA	1024x760	45.000 kHz	56 Hz
XGA	1024x768	48.360 kHz	60 Hz

当接上一台VGA电脑时，自动地完成选择。

当监视器不支持上述一种VGA模式时，则显示信息。
把电脑切换入正常的显示模式。

选择连接设备



可以选择接到电视机前面板和后面板的设备
连续按 ⊖（外部）键，可选择 **A/V1, A/V2, A/V3, A/V3 RGB, A/V4, A/V5, A/V6** 或者 **VGA**。具体选择可根据连在前面和后面板上的设备选定。

如果想改变电视频道
用数字键输入想要观看的频道号码。

VGA 菜单

1. 用⊖键选择**VGA**。
2. 按下遥控器面盖上的红色（画面菜单），绿色（声音菜单）或黄色（功能菜单）键接通**VGA**菜单（或按下简易遥控器上的**MENU**键）。
3. 按上/下光标选择一种图像控制符号。
   - 对比度
   - 亮度
   - 色温
   - 水平图像位置
   - 垂直图像位置
   - 音量
4. 按左/右光标变更选好的调节值。
5. 再按一下一种彩色键（简易遥控器上的**MENU**键）退出**VGA**菜单。

录像机键

我们产品范围的多数音频和视频设备可以用扩展的遥控器来操作。

根据用遥控器操作的设备的位置，重复地按下**M**键，直到显示中的箭头指示VCR1录像机或者另一种标识。

按下录像机键：

■ 停机
◀◀ 倒带
▶ 运行
▶▶ 快进
⏲ 编制程序（某些模式）
● 录制
–P+ 根据录像机调谐器快速选择频道
0-9 根据录像机选择频道号
⏻ 暂时关断录像机

菲利浦录相机具有这些功能键。

DVD（数字影碟机）键

重复地按下**M**键直至显示中的箭头指出DVD（数字影碟机）。

按下DVD键：

▣ 切换DVD菜单通或断
T-C 选择DVD章节
T-C +数字键选择DVD主题
■ 停机
◀◀ 倒退
▶ 运行
▶▶ 快进
▷ 慢进 。重复地按下选择速度
AUDIO 最佳选择音频语言
💬 最佳选择字幕语言（仅在DVD模式）
0-9 根据DVD选择程序号

菲利蒲数字影碟机具有这些功能键。

用录像机录制

为了录制S-VHS的质量，将S-VHS外围设备直接接入录像机。

录制电视节目

1. 在录像机上选择频道号。
2. 将录像机置于录制模式。
   见录像机手册。

切换电视频道号，不干扰录制！

在与电视机上的VIDEO OUT（视频输出）连接的录像机上录制节目，从音频/视频设备接入AV1，AV2，AV3或接至接收机面板上的接口。

1. 接通设备。
2. 选择正确的外部设备，接通电视和录像机。
3. 将录像机置于录制模式。
   录制在屏幕上正在观看的节目。

正在录制时不要切换频道号或者关断电视！

在与维修中心联系之前

在与维修中心联系之前，请先进行下列简单的检查测试。这些小提示可能会帮助您节省时间和金钱，因为电视安装和用户控制调节的费用不包括在保修责任范围内。

故障表现	检查项目和整改措施
“幻影”或重影，或图文电视通讯错误	• 这可能是由于周围有高建筑物或高山导致天线接收受阻所致。 使用完全定向天线可能会改善画面质量。
无电源	• 请检查电视电源线是否插入主电源插座内。 • 将电视电源线拔出，等待60秒钟。 然后重新将电源线插入主电源插座内，并接通电视电源。
无图象	• 请检查电视后面的天线接头是否与电视输入端子正确连接。 • 有可能是电视台的故障。试看另外的频道。 • 调整对比和亮度设定值。 • 童锁已切断了吗？ • 将VGA源转接入正常显示模式。
图象清晰但没有声音	• 增大音量。 • 检查电视机是否被静音，按遥控器上的🔇键。 • 当探测不到信号时，电视将自动切断声音。 这是正常的操作，并不是故障。 • 中心模式已经关断了吗？
声音清晰但色彩效果不佳或没有图象	• 调节对比和亮度设置。 • 检查电视机广播传送系统的色彩设定值。
图象效果不佳	• 有时，当启动连接到电视机右侧的S-VHS照像机或摄像机，并且有另外的设备连接到A/V1或A/V2时，会发生图象效果差的现象。如有此类现象发生，请切断其中的一个外设。 当一部外围设备与A/V3 CVBS和另一个外围设备与A/V3 RGB连接时照样处理。
雪花图象和噪声	• 检查天线的连接。
水平虚线	• 这可能是由电子干扰造成的（如吹风机、周围的霓虹灯等）。 • 关闭这些设备。
遥控器对电视不起作用	• 检查电池是否在工作。如果必要，请更换。 • 擦拭电视上的遥控器传感器透镜。 • 遥控器与电视的操作距离不应超过240寸。 • 您仍可使用接收机面板上的键。 • 按**TV**键以确保遥控器处于电视模式。
VGA画面不稳定和不同步	• 用图像控制（PC）检查是否选择了正确的VGA模式（640x480，640x400，640x350，856x480，800x450，MAC11，SVGA，XGA）。
外围设备的控制	• 屏幕的红外信号可能影响其它外围设备接收的灵敏度。 解决：更换遥控器的电池或改变其它外围设备的位置，例如保持在半径50英寸范围内不要有无线电话。
NICAM声音失真	• 可能因天线定位或反射信号引起的故障。 • 按遥控器上 I-II 键，可以切换到模拟模式。

如果您的问题仍得不到解决，
请关闭电视后再打开。
绝对不要试图自己修理有问题的电视机。
请与您的销售商联系或请电视机维修人员进行检查。

提示

规定的寿命期

飞利浦公司正在生产过程中注重环境的保护。您所拥有的新电视机中包含有可回收和再利用的材料。

当电视机达到其使用寿命后，有专门的公司可以帮助处理废弃不用的的电视机，以便集中可再重新利用的材料，最大程度地减少弃置的数量。

请确保根据当地规定处理您废弃不用的电视机。

如何处理用过的电池

随机提供的电池中不包含重金属汞和镉。不过在很多国家，废弃的电池是不能与您的家居日常废物一起处理的。请保证根据当地规定处理您废弃不用的电池。

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术语表

100 Hz
100Hz为大屏幕电视中尤为突出的画面闪烁问题提供了一个卓越的解决方案。在普通的电视中，画面区每秒被扫描50次（50Hz）-是人眼可察觉的一种频率，表现为画面闪烁。在100Hz电视机中，画面区每秒被扫描100次（100Hz）。在此频率下，人的肉眼是不能察觉到闪烁的，从而使得画面更清晰，令眼睛得到放松。

屏面比率
方形显示屏的比例，NTSC电视比率是4:3，HDTV是16:9。

儿童锁
这功能能防止您的电视被不经允许的人使用。只能用遥控器接通和操作电视。

同轴电缆
牢固的天线通常配有一个端部连接的金属插头（F-型）直接旋入（或推入）电视机或录像机的75欧姆输入插座上。

色临
电视功能，可改变在冷色和暖色间的一般彩色平衡异根据个人爱好调节。

数字视频
应用于任意设备，说明使用网灵数字技术产生图像。

DNR
数码降噪。
通过将100Hz电视机中的信号进行数码编码处理，可以清除画面噪声。这对于信号弱的区域和观看质量较差的录像带时尤为有效。

简易图文
图文存贮器可自动地存贮图文页和可立即存取。

LED
发光二极管，即指示器。

菜单
安排有序的屏上功能和设施显示，您可以通过遥控器对其进行选择。

自然动感
使电视上的移动更加自然的一种菲利浦技术。

NTSC
使用于美国，日本，部分南美和东南亚地区的广播制式。

屏幕显示（OSD）
用于显示电视机产生的文字或信息以帮助用户了解电视机的特定控制功能（音效模式、画面格式等）。

画面定格
允许“定格”某幅图像以便让您安心研究某个特定细节的电视模式，如，记录某些节目信息如电话编号。

RF
无线电频率或模拟信号用作电视广播的载体。

灵智图像和灵智音效
遥控器上的灵智图像和灵智音效控制键能选择预定的图像和声音设定。

睡眠定时器
可用来设定电视关机时间，使其自动切换到待机状态的一种功能。

超级视频（S-Video）输入
可直接连接高分辨率视频源，以超级VHS录像机，光碟机等，提供改进图像分辨率和清晰度。

图文
见简易图文
WST：世界标准图文
FLOF：全级性能、BBC，RVE……使用制式，它提供对图文页面快速存取。
TOP：（图文）页面表，德国制式对图文易于存取。